SPECIFICATION

METALLIZED POLYPROPYLENE FILM CAPACITOR

TYPE	MPE,MPEF,MPEC,MPEV - 250,315,400,450,630,800,1000,1250,1600V.DC

DRAWING № PSC317000

PLEASE RETURN 1 COPY WITH RECEIVED STAMP.

DATE	*October 19, 2011*
DESIGNED	*Y. Aotashiro*
CHECKED	*M. Sasaki*
APPROVED	*H. Kawagoe*

NISSEI ELECTRIC CO., LTD.

№ **110177**

⚠ 安全に関する注意

コンデンサを使用するに当たり、使用環境、及び取り付け環境を確認の上、納入仕様書に規定した定格性能の範囲内でご使用下さい。

納入仕様書、添付注意事項の範囲を越えて使用しますと、ショート、オープン、発煙、発火に至る場合がありますので、定格性能の範囲内であることを確認願います。

尚、納入仕様書に記載のない項目、不明な内容については、必ずお問い合せ下さい。

又、生命に影響を与える可能性がある装置、機器（生命維持装置、航空機用制御装置、自動車用制御装置等）に使用される場合にも必ずお問い合せ下さい。

※本仕様書は、発行日より６ヶ月を経過して返却されなかった場合は、受領いただけなかったものと判断し、無効とさせていただきます事ご了承願います。

⚠ Cautions About Safety In Use of Capacitors

When using a capacitor, please use one within the range of values specified in the specification after checking the environments of using and mounting.

If used beyond the range specified in the specification or the attached cautions, it may lead to short circuit, open, smoking and firing.

Be sure to inquire of us as to the items which are not specified in the specification or are unclear to you.

Also, in case of using capacitors for such equipment or apparatus as may possibly affect human lives like life-support system, aircraft and automotive control systems, etc., please never fail to inquire of us as to further details.

If this specification is not returned within six months, we consider it not to be accepted by you and will make it null and void.

Change Record

№	Date	Details of changes
1	2011. 10. 19	New

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1. SCOPE

This specification defines general requirements for metallized polypropylene film capacitor MPE type (hereinafter called capacitor).

2. PARTS NUMBER CODE SYSTEM

①				②	③				④	⑤			⑥				⑦			
M	P	E		*	0	2	5	0	J	1	0	4	0	0	0	0	0	0	0	0

①Designation

ＭＰＥ　: Straight lead type
ＭＰＥＦ : Single-formed lead type
ＭＰＥＣ : Cut lead type
ＭＰＥＶ : Automatic vertical insersion type (Formed lead type)

②Internal use

③Rated DC voltage

250 , 315 , 400 , 450 , 630 , 800 , 1000 , 1250 , 1600V.DC

④Tolerance on capacitance

Ｇ：±２％ , Ｈ：±３％ , Ｊ：±５％ , Ｋ：±１０％

⑤Capacitance Code

Capacitance value shall be given by 3-digit figure of which unit used is expressed in pF.
The first 2 digits are significant figures of the capacitance value, the third digit to indicate the number of additional zeros to follow the significant figure.

⑥Model code (Internal use)

REVISIONS	SIGNATURE	DATE
	DESIGNED *Y. Aotashiro*	*April 1, 2011*
	CHECKED *M. Sasaki*	*April 1, 2011*
	APPROVED *H. Kawagoe*	*April 1, 2011*

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⑦Lead dimension / Packing mode

Designation	Code			
MPE	0000			
MPEF	Code	Lead spacing	Code	Lead spacing
	0075	7.5mm	0200	20.0mm
	0100	10.0mm	0225	22.5mm
	0125	12.5mm	0250	25.0mm
	0150	15.0mm	0275	27.5mm
	0175	17.5mm		
MPEC	0050			
MPEV	Code	Style		
	D200	2		
	D210	3		
	0200	5 , 6		

3. RATING

3.1 Operating Temperature Range : Operating temperature range to capacitors shall be −40℃～+105℃.

3.1.1 Maximum Operating Temperature : Maximum value of capacitor's surface temperature (ambient temperature+self heating temperature rise+radiation and conduction heat from other electric supply sources) at which capacitors shall be capable of applying continuously.

3.1.2 Minimum Operating Temperature : Minimum temperature range at which capacitors shall be capable of applying continuously.

3.2 Rated voltage : The rated voltage shall be continuously usable within a working temperature range, and there are 9 kinds of rated voltages - 250, 315, 400, 450, 630, 800, 1000, 1250 and 1600V.DC.

3.3 Capacitance range

250V.DC	0.010 ～ 10.0 μF	E-24
315V.DC	0.010 ～ 4.7 μF	E-24
400V.DC	0.010 ～ 3.3 μF	E-24
450V.DC	0.10 ～ 3.3 μF	E-24
630V.DC	0.010 ～ 2.2 μF	E-24

800V.DC	0.0010 ～ 0.68 μF	E-24
1000V.DC	0.0010 ～ 0.22 μF	E-24
1250V.DC	0.0010 ～ 0.18 μF	E-24
1600V.DC	0.0010 ～ 0.10 μF	E-24

3.4 Tolerance on capacitance

250, 315, 400, 450, 630V.DC … ±3% , ±5% , ±10%

800, 1000V.DC … ±3% , ±5%

1250, 1600V.DC … ±2% , ±3% , ±5%

(However, for products with voltage rating range of 1250V & 1600V and capacitance range from 0.0010～0.010μF, products with tolerance of ±2% are available.)

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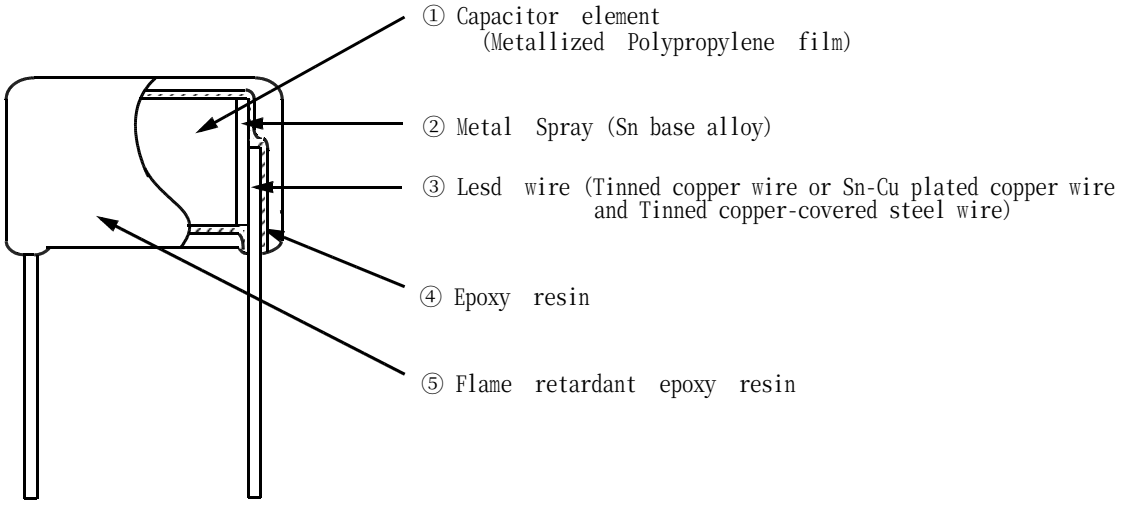
4. CONSTRUCTION OF CAPACITOR

The element of a capacitor shall have a construction that metallized polypropylene film as a dielectric is wound. The element of non-inductive construction shall be connected to lead wires.

Exterior coating shall be protected by flame retardant epoxy resin (UL94V-0) approved for moisture proof and insulating process.



5. DIMENSIONS

Dimensions are specified in the attached sheet.

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6. MARKING

6.1 Marking item

The capacitors shall be marked clearly by an indelible way.

1) Nominal capacitance

Shall be marked with 3-digit code. Example) 104 , 105

2) Tolerance on capacitance

G , H , J , K

3) Production date code

Marking(Year) : It shall be indicated by the alphabet except G, I, O, Q, Y, Z.

Year	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Code	A	B	C	D	E	F	H	J	K	L	M

Marking(Month)

Month	1	2	3	4	5	6	7	8	9	10	11	12
Code	1	2	3	4	5	6	7	8	9	O	N	D

Marking(Week)

Week	1	2	3	4	5	6
Code	1	2	3	4	5	6

4) Rated DC voltage

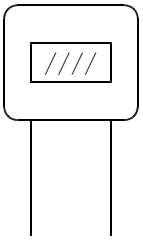
Unit code V is omitted.

5) Manufacturer's Identification

ＮＩＳ

6.2 Marking position

(Example)



１０４Ｊ２５０
ＮＩＳＪ８１

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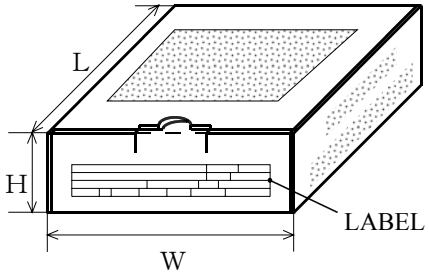
7. PACKING

1) Straight leads, formed leads and cutted leads type.
The capacitors shall be put in poly-bag and packed in box marked with necessary information.

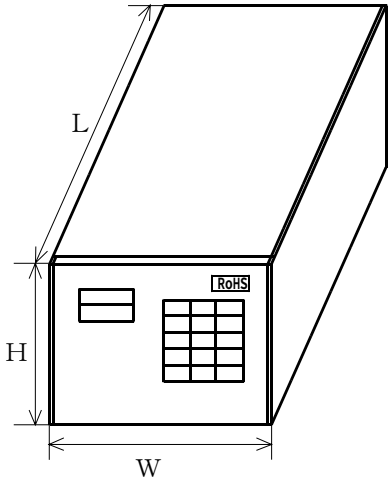
Inside packing case



Dimension (mm)

W	L	H
198	176	74

External packing case



Dimension (mm)

Inside packing case quantity	W	L	H
2	165	210	200
4	210	310	〃
6	235	410	〃
8	310	410	〃
12	410	450	〃

Example)

CODE CUSTOMER ①					INSP DATE ②	PKG NO
PARTS NO ③					MACH NO ④	QTY/PKG
ORDER NO ⑤		LOT NO ⑥		ROHS		⑦
TYPE ⑧		WV ⑨	TOL ⑩	CAP ⑪	EDP CODE ⑫	QT (PCS) ⑬

①CODE CUSTOMER ④MACH NO ⑦PRODUCTION COUNTRY ⑩TOL(%)
②INSP DATE ⑤ORDER NO ⑧TYPE ⑪CAP
③PARTS NO ⑥LOT NO ⑨W V ⑫EDP CODE
⑬QT(PCS)

2) Automatic vertical insertion type.
This is specified by the specification of automatic vertical insertion type.

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8. APPLICABLE SPECIFICATIONS

Unless otherwise specified, performance and a testing method shall comply with JIS C 5101-1:1998.

9. DISUSE OF O.D.C.

No ozone depleting chemicals are used at any stage of the manufacturing process.

10. DISUSE OF PBBO, PBDPO, PBDPE, PBBs

This products does not contain PBBO, PBDPO, PBDPE, PBBs.

11. CERTAIN HAZARDOUS SUBSTANCES RESTRICTED BY RoHS DIRECTIVE

In the product, materials to which certain hazardous substances restricted by RoHS Directive (2002/95/EC) (cadmium, hexavalent chromium, mercury, lead, PBB and PBDE) are added on purpose aren't used.

12. PRODUCTION COUNTRY

・JAPAN
・CHINA

Production country shall be distinguished in the colum ⑦.

Example) JP : JAPAN
blank : CHINA

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13. CHARACTERISTICS AND TEST CONDITIONS

13.1 TEST CONDITIONS

The test and measurement, unless otherwise specified, the standard range of atmosheric conditions of marking measurements and test is as follows

Ambient temperature : 5 to 35℃
Relative humidity : 45 to 85%

If there may be anydoubt on the results, measurements shall be made within the following limits.

Ambient temperature : 20±2℃
Relative humidity : 60 to 70%

13.2 Electrical characteristics test

Item		Characteristics	Test conditions
Dielectric strength	Between terminations	No breakdown. However momentary breakdown is permissible.	Capacitors shall withstand 150% of rated DC voltage for 1 minute or 175% of rated DC voltage for 1～5 seconds. (Charge or discharge current : 1A max)
	Between terminations and case	No breakdown.	Capacitors shall withstand 200% of rated DC voltage for 1～5 seconds.
Insulation resistance (Between terminations)		C≦0.33μF 30,000MΩ or more C＞0.33μF 10,000ΩF or more	DC voltage specified below shall be applied for 1 minute, after which measurement shall be made. Test voltage : 100V.DC
Capacitance		Within the nominal tolerance.	Capacitance shall be measured with 1kHz±20%, 5Vrms max.
Tangent of loss angle		0.0005 or less	

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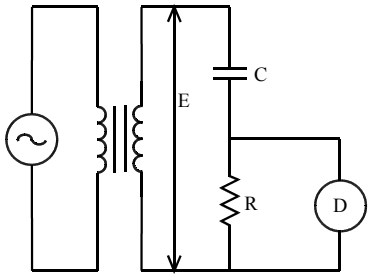
Item	Characteristics	Test conditions
Connection of element	There shall be no intermittent contacts or open circuiting which would result in any needle deflection on the voltage detector.	As in the diagramed circuit measure the variation of terminal voltage for the series resistor(R) while a weak impact is made on the test capacitor to check the bonding strength of the terminals to the capacitor.  C : Capacitor R : Series resistor R(Ω)= 150/C(μF) C=Nominal capacitance μF Ⓓ : Detector Internal impedance shall be large enough as compared with c. E : 100mV (peak value) Max at 10k～1MHz

13.3 Mechanical characteristics test

Item		Characteristics	Test conditions
Termination strength	Tensile strength	Without mechanical damage, such as break of terminal damage.	Test capacitors shall be fixed, and unless otherwise specified, a tensile force of 10N shall be gradually applied to the axial of the leads, and then maintained for 30±5 seconds.
	Bending strength		The bend test shall consist of hanging a weight of 5N to the end of the leads and then rotating the capacitors 90° in one direction, then to the starting point. This test shall be applied for 2.5 seconds per each time. At the same test speed, the capacitors shall be rotated 90° in alternating direction, then return to the starting point.

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Item		Characteristics	Test conditions
Vibration resistance		No electrical discontinuity such as opening, short-circuit of 0.5ms or more. Also, no abnormality on appearance after test.	The freqency shall be varied uniformiy from 10Hz to 55Hz at 1.5㎜ amplitude and back to 10Hz in approximately 1 minute intervals. This test shall be applied 2 hours per each direction, total 6 hours.
Solderability		At least 90% of the circumferential face of termination up to immersed level shall be covered with new solder.	Capacitor's leads shall be immersed into Flux (10% rosin) for 5～10 seconds using sheltering board from radial test, then immersed into soldering bath at 235±5℃ for 2±0.5 seconds up to the depth of 1.5～2㎜ from the bottom of the body. Immersed and removing speed shall be 25±2.5㎜/sec.
Resistance to soldering heat	Appearance	No visible damage.	Using sheltering board from the radial heat, capacitor's leads shall be immersed into soldering bath at 260±5℃ for 10±1 seconds up to the depth of 1.5～2㎜ from the bottom of the body. The capacitors shall withstand 150% of rated DC voltage for 1 minute.
	Dielectric strength (Between terminations)	No breakdown.	
	Capacitance change	Within ±3% of the initial value.	

13.4 Climatic test

Item		Characteristics	Test conditions
Cold	Capacitance change	Within +2, −0% of the initial value at +20℃.	Measured at −40±2℃.
Dry heat	Insulation resistance	C≦0.33μF 3,000MΩ or more	Measured at 105±2℃.
		C＞0.33μF 1,000ΩF or more	
	Capacitance change	Within +0, −4% of the initial value.	

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Item		Characteristics	Test conditions
Humidity resistance (steady state)	Appearance	No visible damage.	The capacitor shall be put into the test chamber and left under the condition of relative humidity 90～95% at 60±2℃ for 1,000$^{+48}_{0}$ hours. After the test, the capacitor shall be left under the ordinally condition for 16 hours. The capacitors shall withstand 130% of rated DC voltage for 1 minute.
	Dielectric strength (Between terminations)	No breakdown.	
	Insulation resistance	C≦0.33μF 10,000MΩ or more C＞0.33μF 3,000ΩF or more	
	Tangent of loss angle	0.0005 or less	
	Capacitance change	Within ±5% of the initial value.	
Endurance test for humidity (Ⅰ)	Appearance	No visible damage.	The rated voltage shall be continuously applied to the capacitor in the test chamber at a relative humidity of 90～95% at 60±2℃ for 1,000$^{+48}_{0}$ hours. After the test, the capacitor shall be left under the ordinally condition for 16 hours. The capacitors shall withstand 130% of rated DC voltage for 1 minute. The load resistor in series with the capacitor shall be 20～1,000Ω.
	Dielectric strength (Between terminations)	No breakdown.	
	Insulation resistance	C≦0.33μF 10,000MΩ or more C＞0.33μF 3,000ΩF or more	
	Tangent of loss angle	0.0005 or less	
	Capacitance change	Within ±5% of the initial value.	
Endurance test for humidity (Ⅱ)	Appearance	No visible damage.	The rated voltage shall be continuously applied to the capacitor in the test chamber at a relative humidity of 85$^{+2}_{-5}$ % at 85±2℃ for 500$^{+24}_{0}$ hours. After the test, the capacitor shall be left under the ordinally condition for 16 hours. The capacitors shall withstand 130% of rated DC voltage for 1 minute. The load resistor in series with the capacitor shall be 20～1,000Ω.
	Dielectric strength (Between terminations)	No breakdown.	
	Insulation resistance	C≦0.33μF 5,000MΩ or more C＞0.33μF 1,500ΩF or more	
	Tangent of loss angle	0.0008 or less	
	Capacitance change	Within ±7% of the initial value.	

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Item		Characteristics	Test conditions
Endurance test for high temperature	Appearance	No visible damage.	The voltage of 125% of rated voltage shall be continuously applied to the capacitor through a series of 20～1,000Ω per 1 voltage in the test chamber at 105±3℃ for $1{,}000^{+48}_{0}$ hours.
	Insulation resistance	C≦0.33μF 15,000MΩ or more C＞0.33μF 5,000ΩF or more	
	Tangent of loss angle	0.0008 or less	
	Capacitance change	Within ±5% of the initial value.	
Rapid change of temperature	Appearance	No visible damage.	The capacitors shall be maintained in following temperature the table.1 for 5 cycles.
	Insulation resistance	C≦0.33μF 15,000MΩ or more C＞0.33μF 5,000ΩF or more	
	Tangent of loss angle	0.0008 or less	
	Capacitance change	Within ±5% of the initial value.	

Table.1

Step	Temperature	Maintaind time
1	−40±2℃	30±3 min
2	room temperature	3Min max
3	+105±3℃	30±3 min
4	room temperature	3Min max

14. REGULATION IN USAGE

14.1 Voltage derating for frequency

14.1.1 A.C.maximum operating voltage in case of operating with commercial frequency (50 or 60Hz) is as shown in the table below. However, it can not be used for “Across-the-line” application.

Rated voltage	A.C.maximum operating voltage
250V.DC	125Vrms
315V.DC	150Vrms
400V.DC	200Vrms
450V.DC	200Vrms
630V.DC	250Vrms
800V.DC	250Vrms
1000V.DC	300Vrms
1250V.DC	400Vrms
1600V.DC	500Vrms

14.1.2 When containing a portion of D.C.Bias, the crasy value (peak voltage V_{o-p}) waveform shall not exceed the rated voltage.

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14.2 Permissible current to frequency

A permissible current is regilated by both a root-mean-square value current and a peak current. A root-mean-square value current is to be a permissibe current value to frequency attached. A permissible peak current is determined by a permissible peak current value attached.

The values of continuous peak current in the allowable peak current shall be those of continuous current, and the values of single peak current shall be those of discontinuous current such as rush current in switching on or off.

The highest number of times of single peak current shall be limited to 10,000 times. (In case of exceeding 10,000 times, please contact us.)

14.3 Soldering

When soldering a capacitor, heat in soldering is conducted to the elements of the capacitor from lead wire and an enclosure, and hence it should be noted that soldering under high temperature and a long period may cause deterioration of characteristic or breakdown of capacitors.

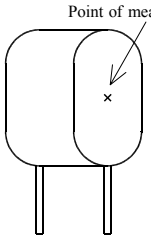
When mounting a capacitor together with chip components, it shall be carried out after curing an adhesive for chip components.

(1) When subjecting a capacitor to flow soldering

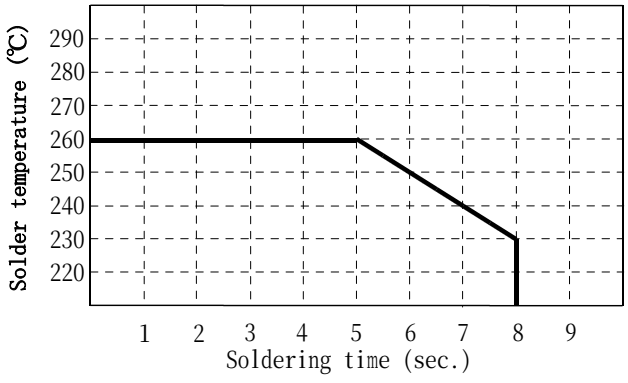
Using a capacitor with formed leads is recommended when subjecting a capacitor to flow soldering.

When using a capacitor with straight leads or using a capacitor under the following circumstances for reasons of mounting, the temperature of the capacitor's innards in soldering (temperature of the point of measurement shown below) shall be 140℃ or less.

- When using a double-sided through-hole substrate.
- Where other components are installed around a capacitor and heat is trappod.
- When mounting a capacitor in a place near the edge of a substrate.



※Temperature measurements shall be made by inserting by about 2mm the tip of a thermo couple having a diameter of 0.2mm or less into a hole made in an outer covering.



Preheating condition : 120℃, for one minute

(2) When using soldering iron

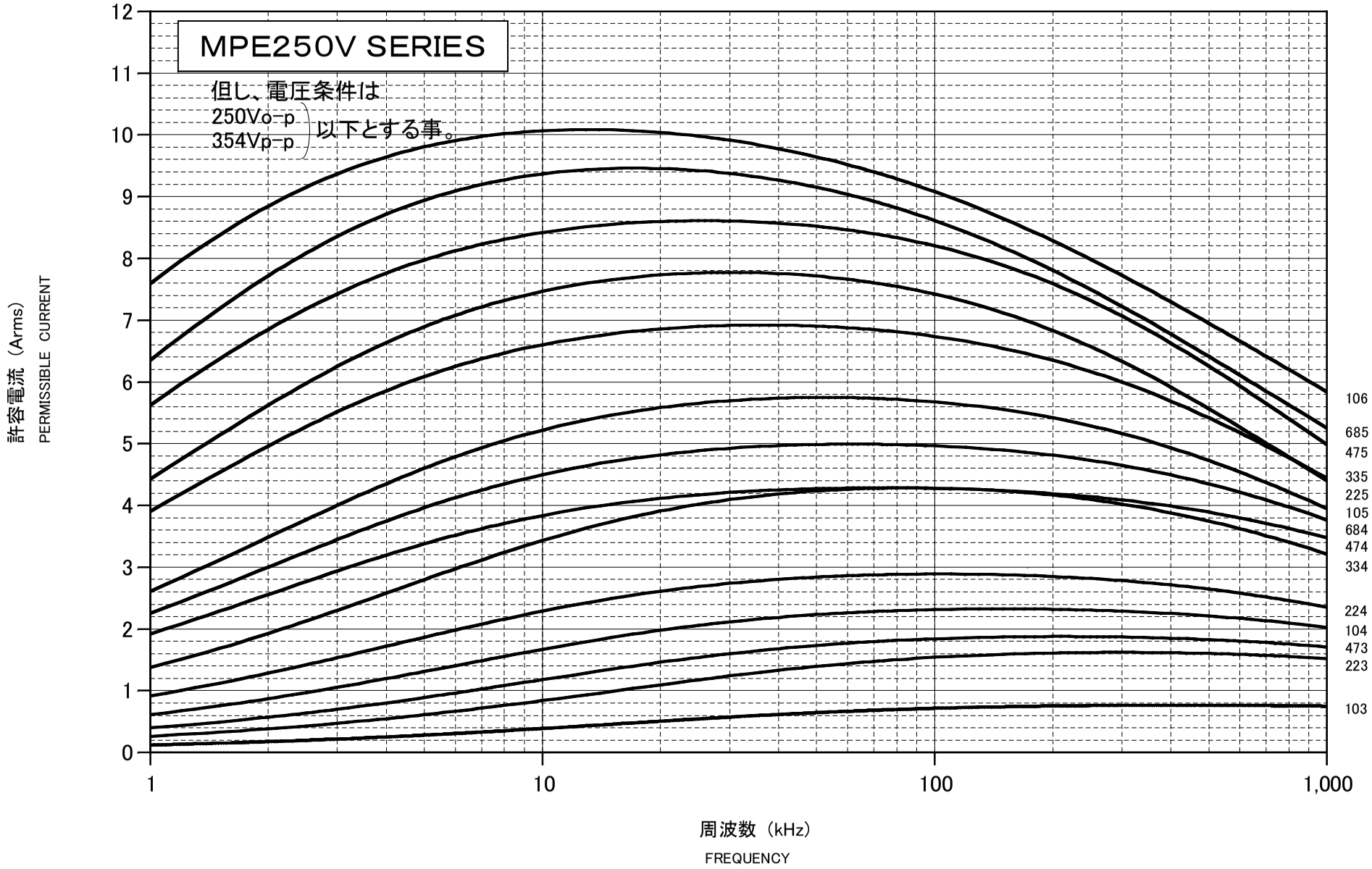
Iron tip temperature less than 350℃
Soldering time (sec.) within 3 seconds

(3) When soldering a capacitor mounted on the board with chip-type components

Please avoid mounting a capacitor with chip-type components on a printed circuit board because the application of hardening heat for bonding chip conponents shall cause deterioration of the dielectric film.

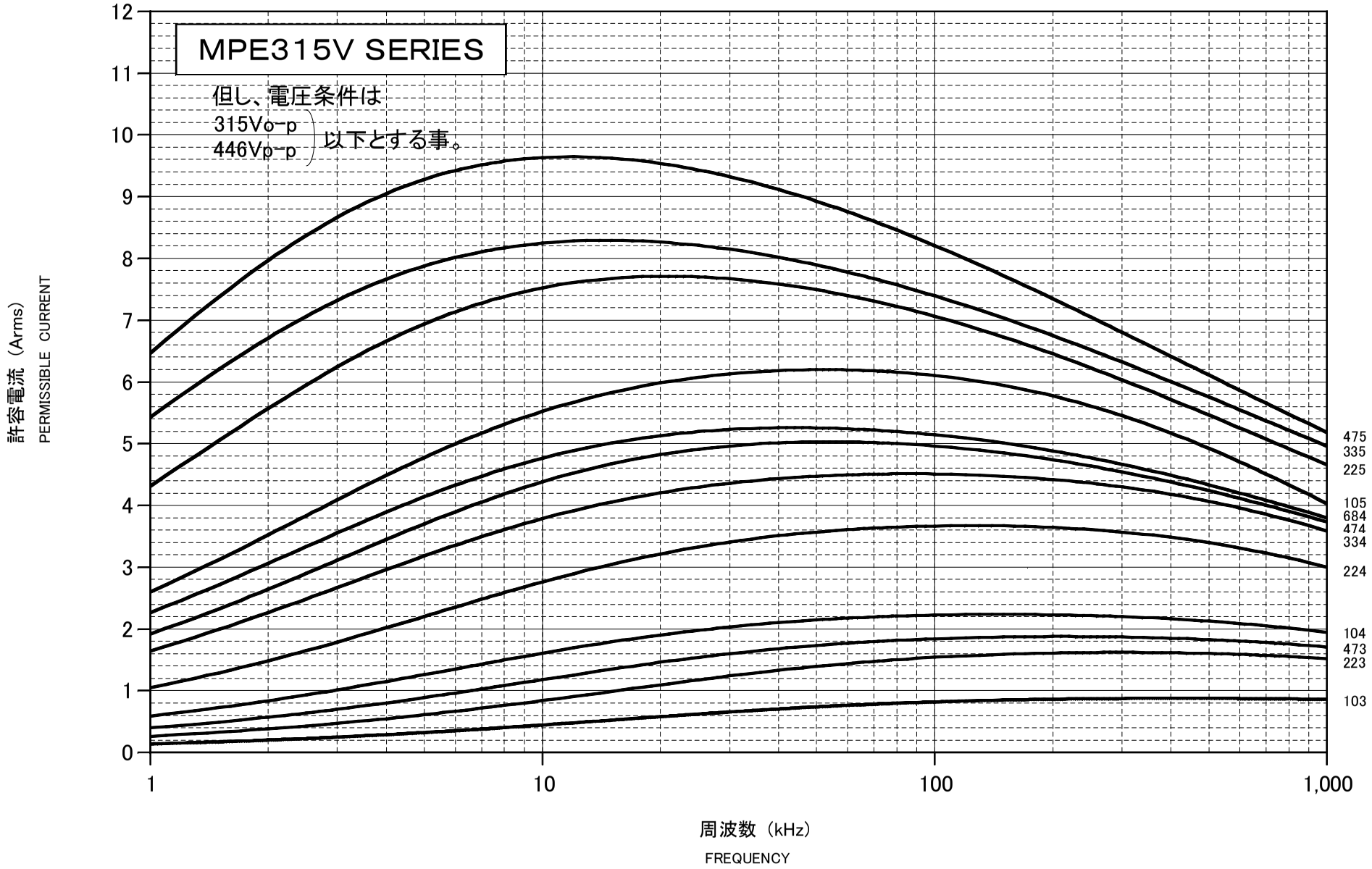
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



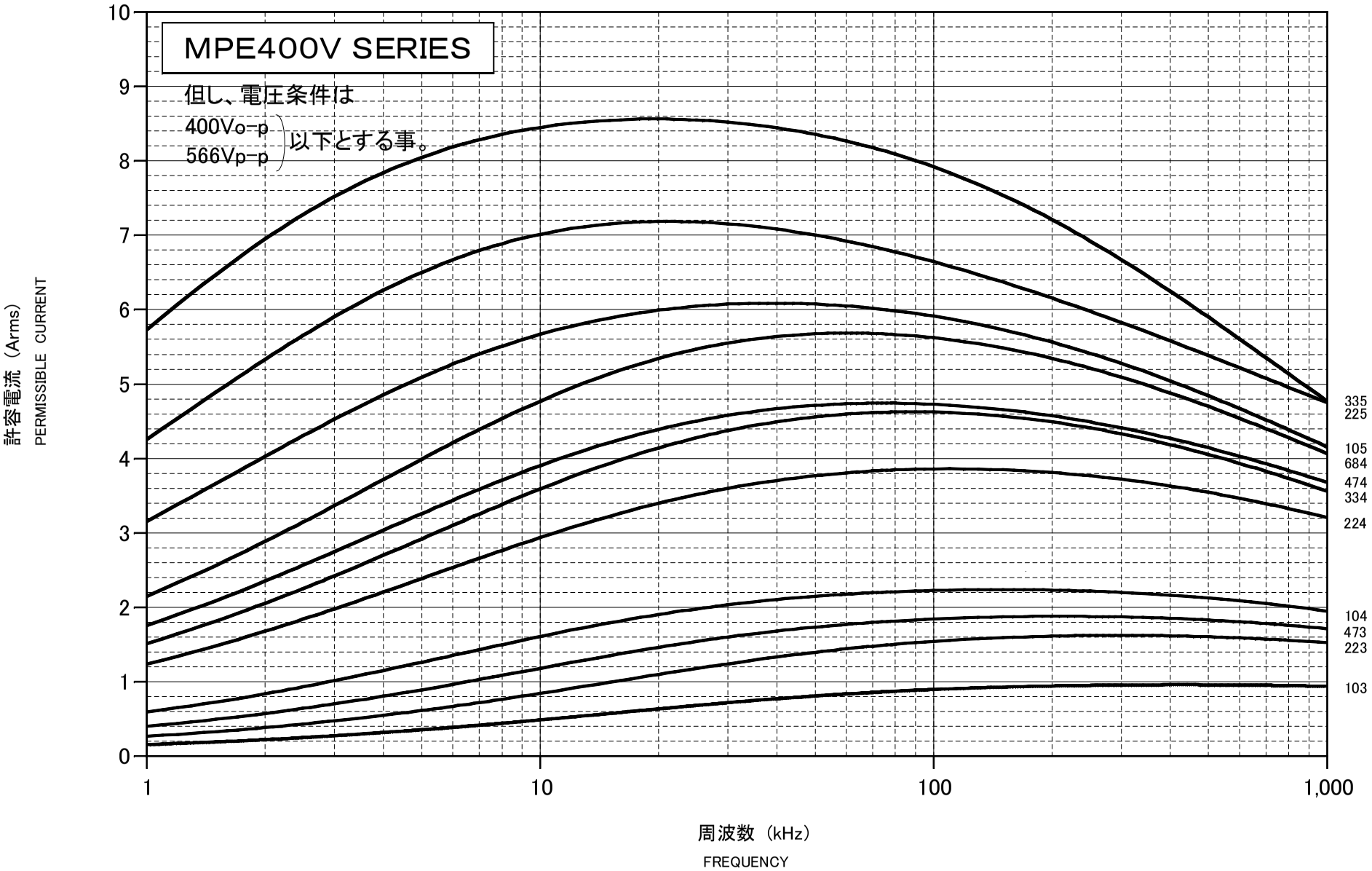
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



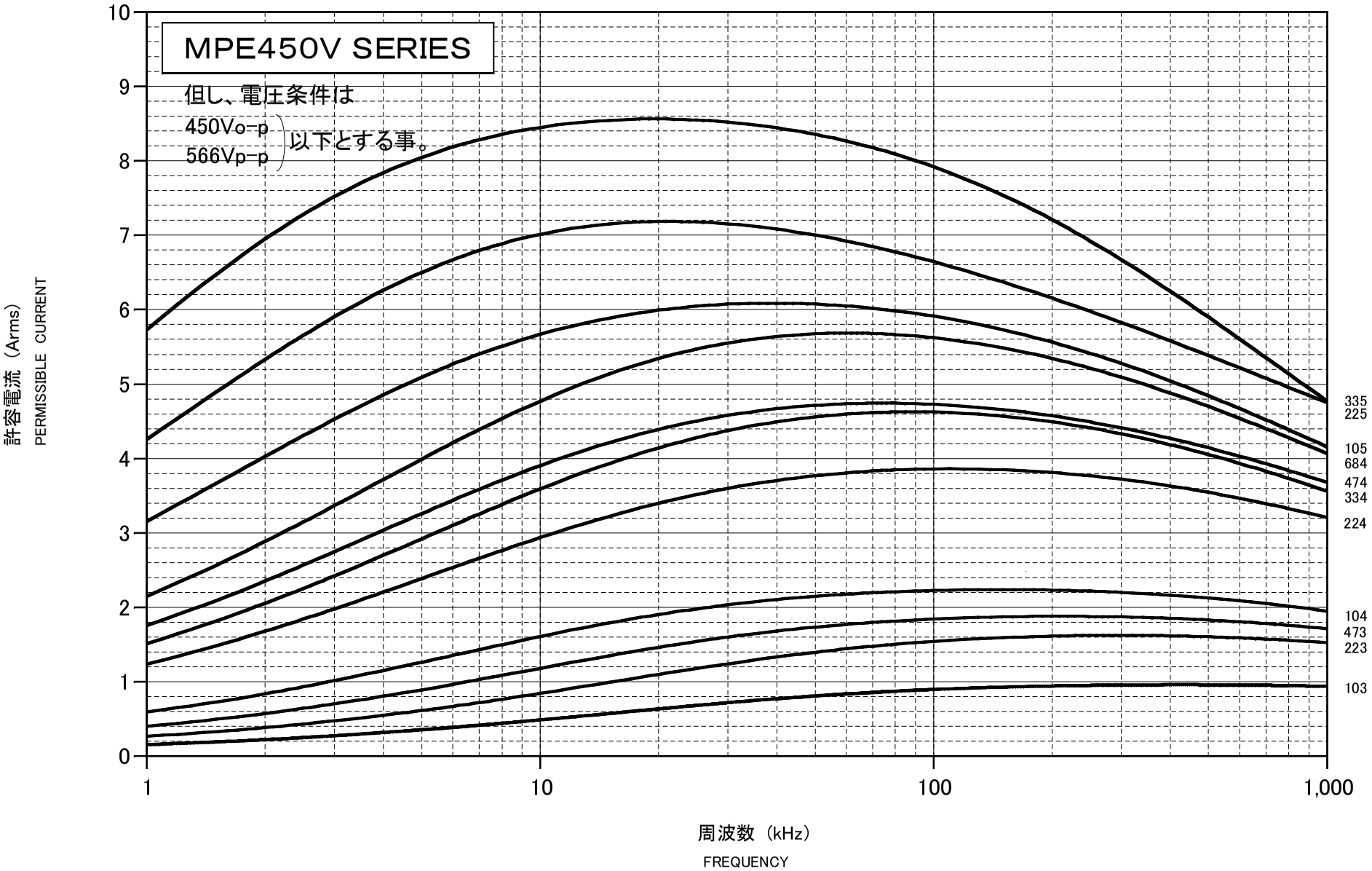
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



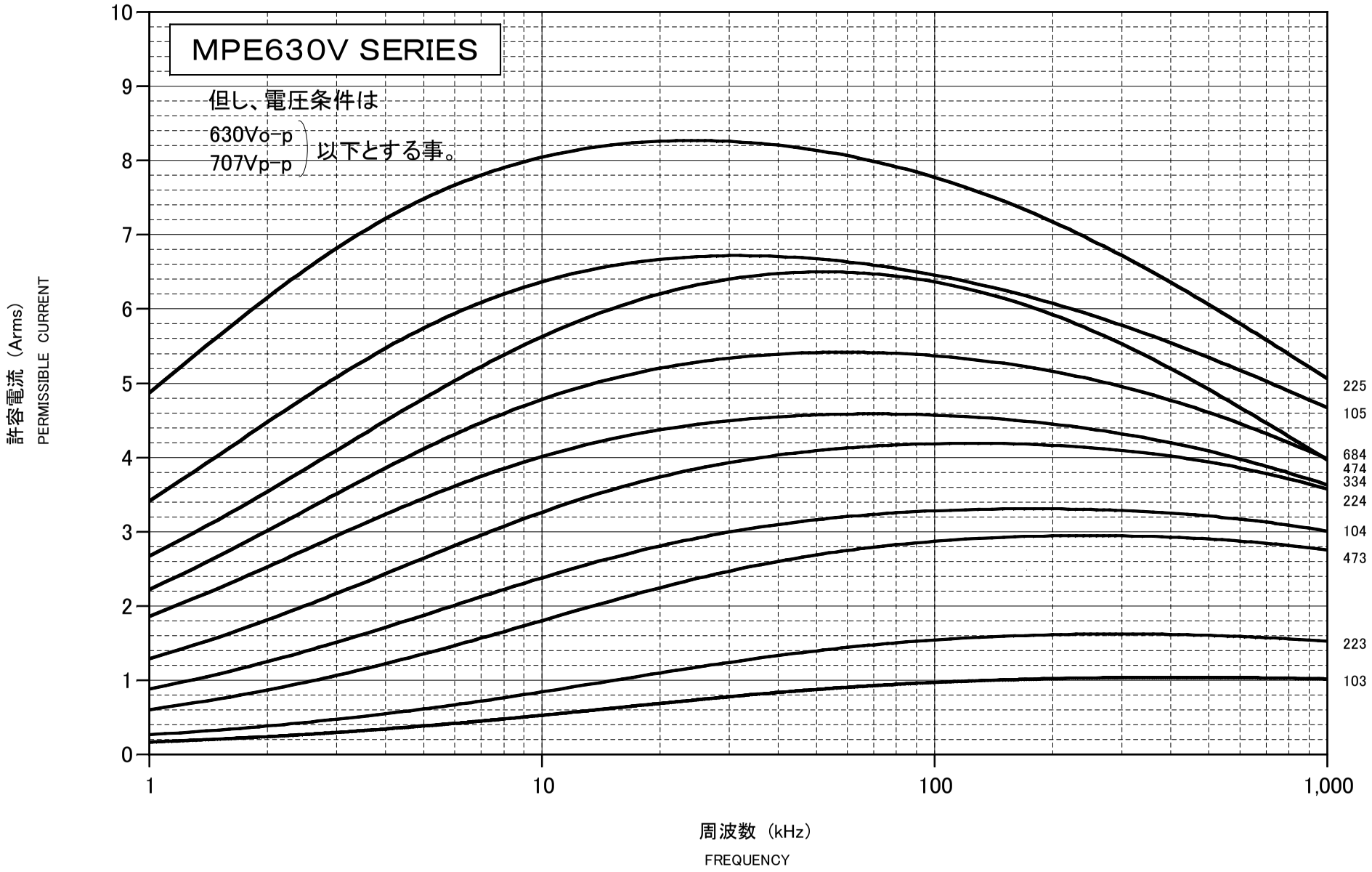
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



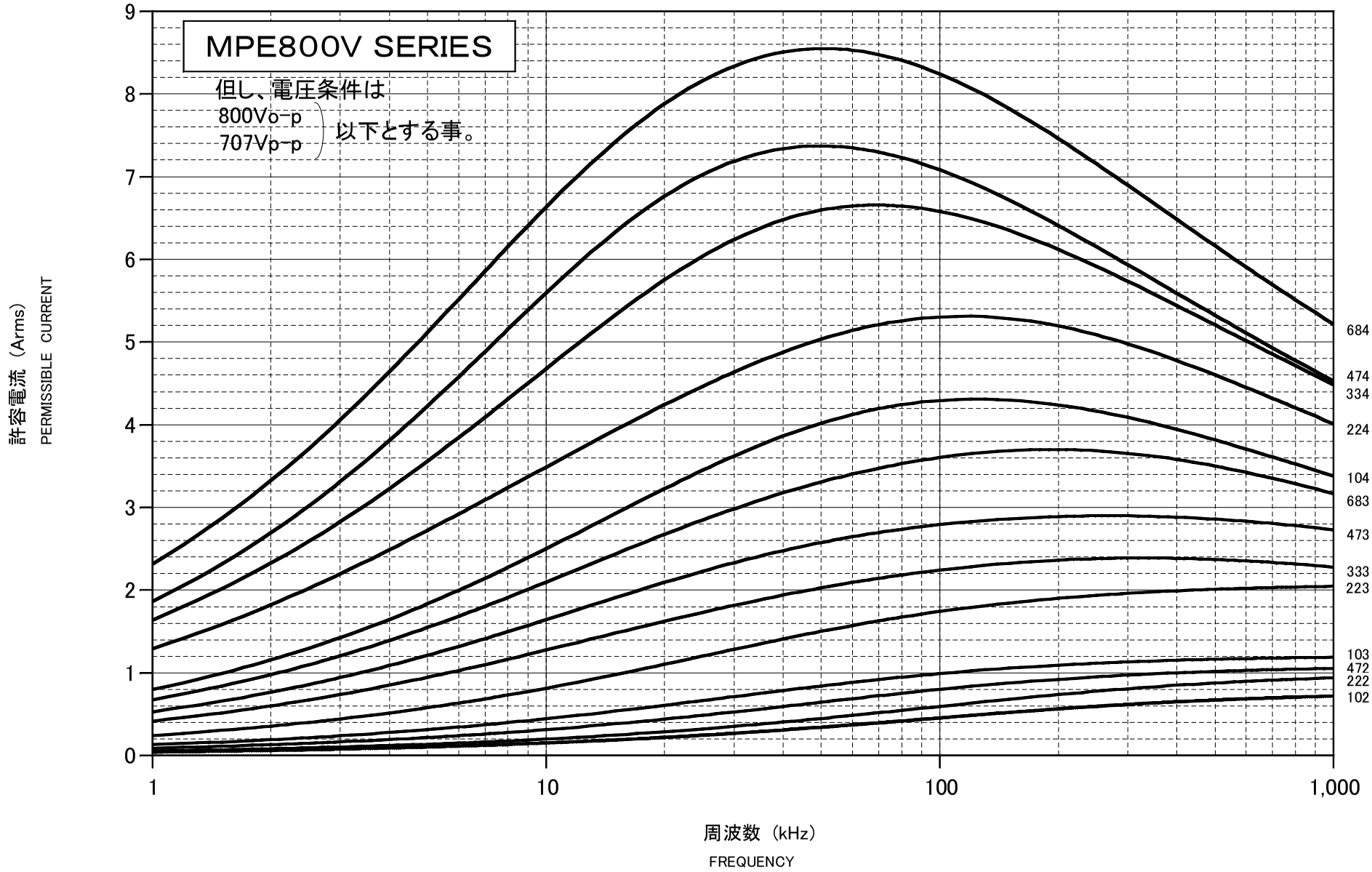
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



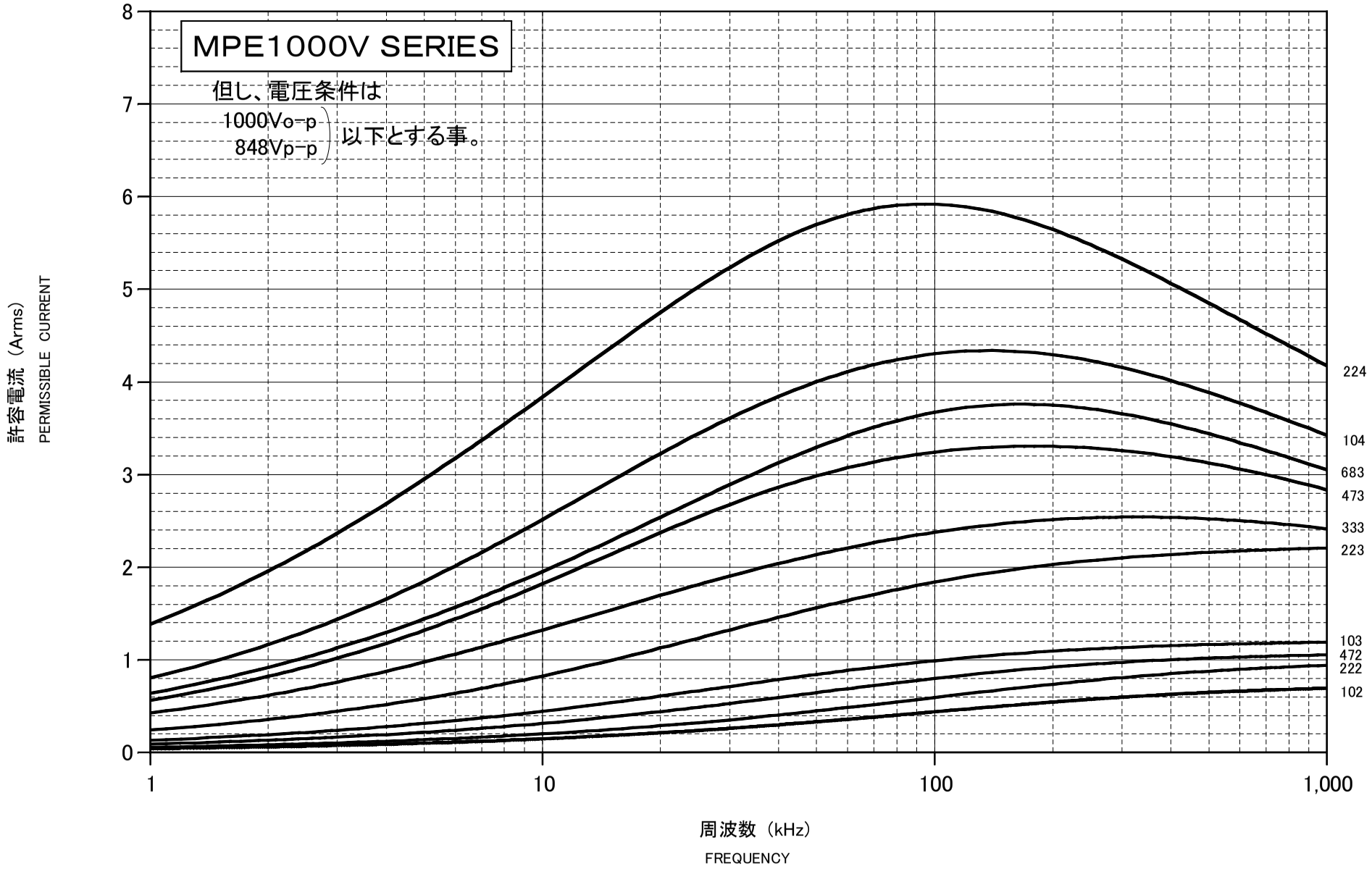
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



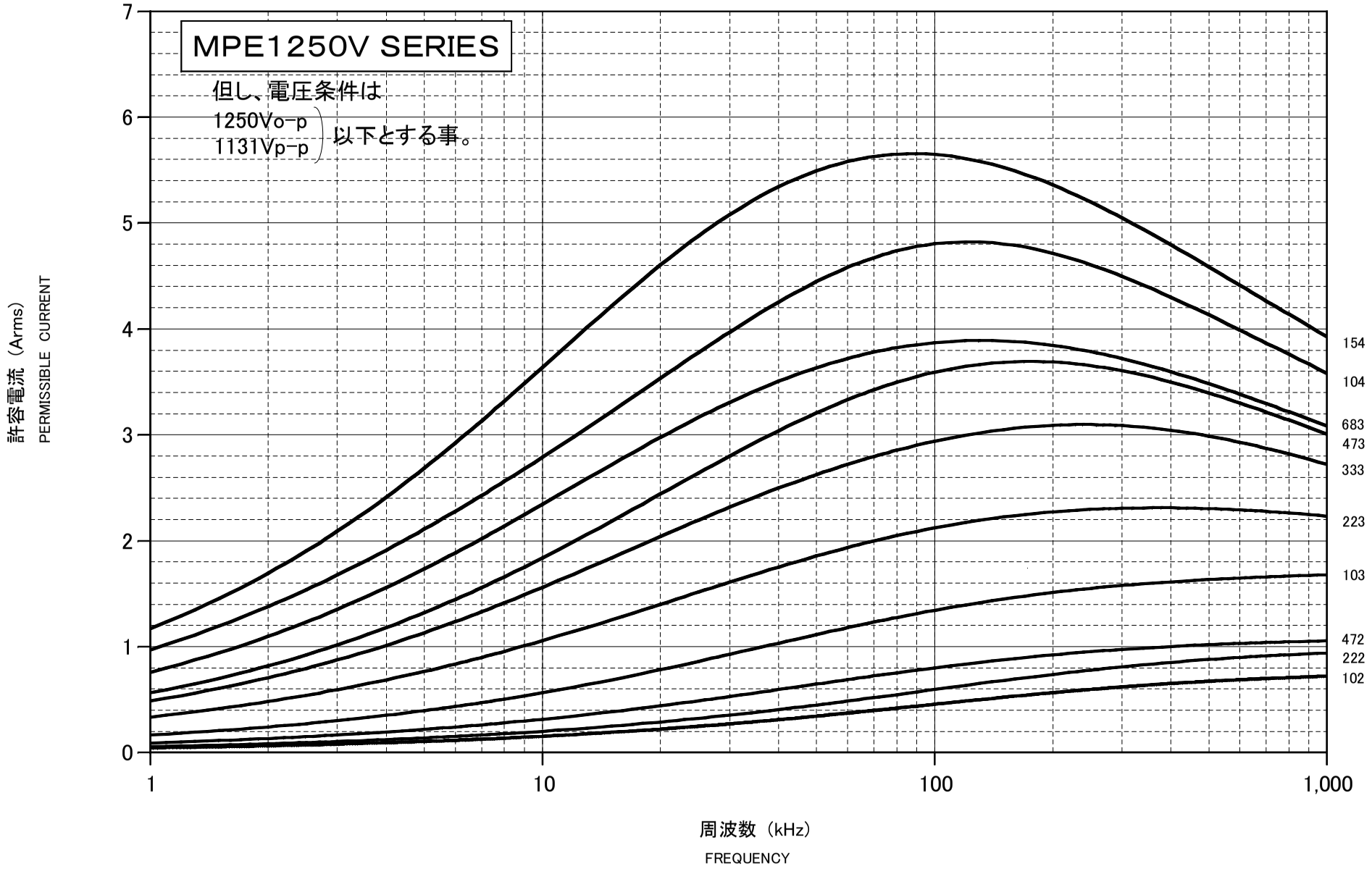
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



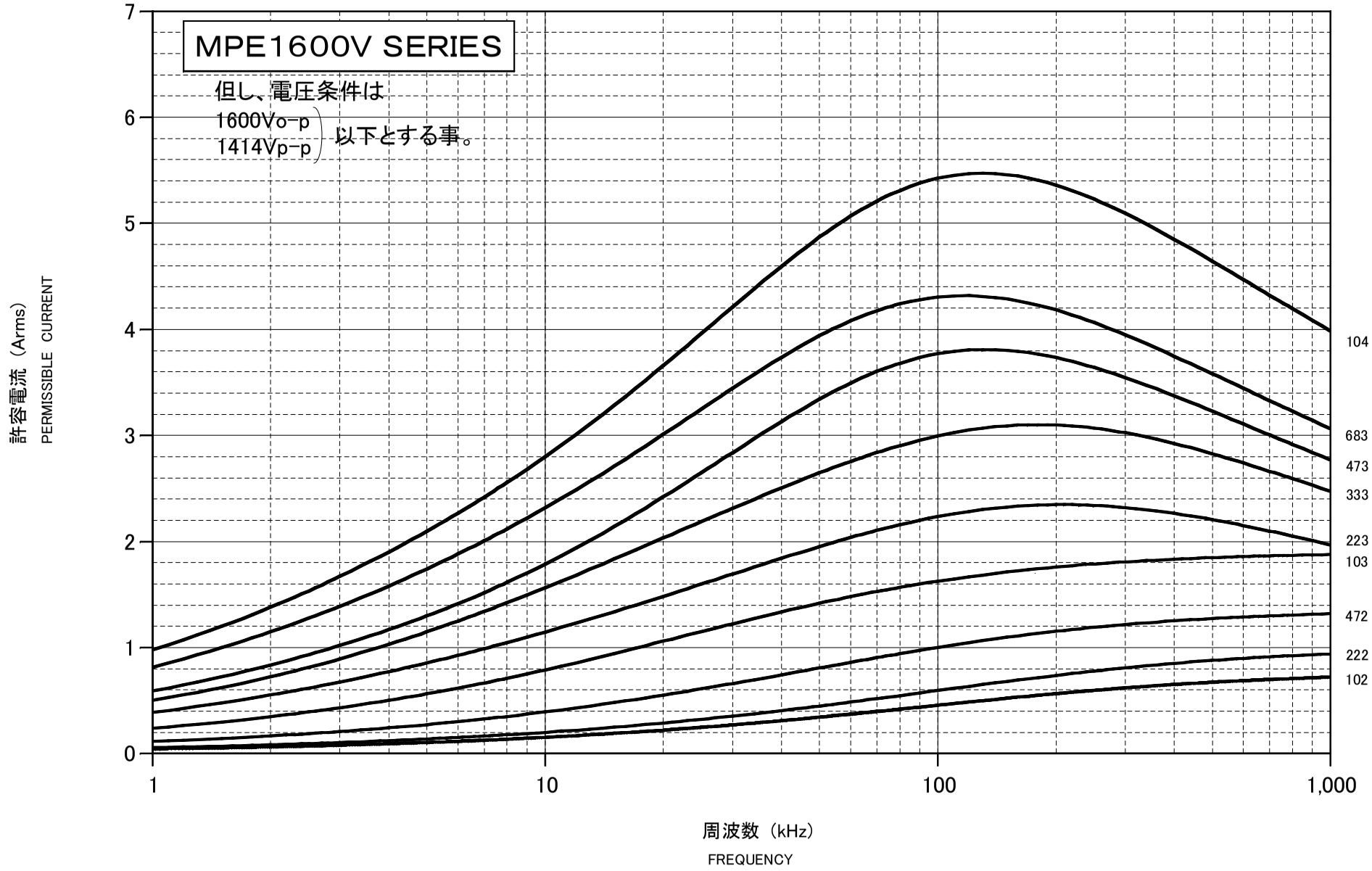
周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



周波数に対する許容電流特性

CHARACTERISTICS OF PERMISSIBLE CURRENT TO FREQUENCY



許容ピーク電流値（パルス電流）　Permissible Peak Current(Pulse Current)

◆Type MPE

容量記号 Capacitance Symbol	静電容量 Capacitance (μF)	250V.dc 単発 Single (Ao-p)	250V.dc 連続 Continual (Ao-p)	315V.dc 単発 Single (Ao-p)	315V.dc 連続 Continual (Ao-p)	400V.dc 単発 Single (Ao-p)	400V.dc 連続 Continual (Ao-p)	450V.dc 単発 Single (Ao-p)	450V.dc 連続 Continual (Ao-p)	630V.dc 単発 Single (Ao-p)	630V.dc 連続 Continual (Ao-p)
103	0.010	5.38	3.96	5.38	3.96	5.38	3.96	5.38	3.96	5.38	3.96
113	0.011	5.92	4.25	5.92	4.25	5.92	4.25	5.92	4.25	5.92	4.25
123	0.012	6.46	4.54	6.46	4.54	6.46	4.54	6.46	4.54	6.46	4.54
133	0.013	6.99	4.82	6.99	4.82	6.99	4.82	6.99	4.82	6.99	4.82
153	0.015	8.07	5.36	8.07	5.36	8.07	5.36	8.07	5.36	8.07	5.36
163	0.016	8.61	5.63	8.61	5.63	8.61	5.63	8.61	5.63	8.61	5.63
183	0.018	9.68	6.15	9.68	6.15	9.68	6.15	9.68	6.15	9.68	6.15
203	0.020	10.76	6.66	10.76	6.66	10.76	6.66	10.76	6.66	10.76	6.66
223	0.022	11.84	7.15	11.84	7.15	11.84	7.15	11.84	7.15	11.84	7.15
243	0.024	12.91	7.63	12.91	7.63	12.91	7.63	12.91	7.63	12.91	7.63
273	0.027	14.53	8.34	14.53	8.34	14.53	8.34	14.53	8.34	14.53	8.34
303	0.030	16.14	9.02	16.14	9.02	16.14	9.02	16.14	9.02	16.14	9.02
333	0.033	7.52	5.47	7.52	5.47	7.52	5.47	7.52	5.47	12.38	7.11
363	0.036	8.21	5.84	8.21	5.84	8.21	5.84	8.21	5.84	13.50	7.59
393	0.039	8.89	6.20	8.89	6.20	8.89	6.20	8.89	6.20	14.63	8.05
433	0.043	9.80	6.67	9.80	6.67	9.80	6.67	9.80	6.67	16.13	8.67
473	0.047	10.72	7.13	10.72	7.13	10.72	7.13	10.72	7.13	17.63	9.26
513	0.051	11.63	7.58	11.63	7.58	11.63	7.58	11.63	7.58	19.13	9.85
563	0.056	12.77	8.13	12.77	8.13	12.77	8.13	12.77	8.13	21.00	10.57
623	0.062	14.14	8.77	14.14	8.77	14.14	8.77	14.14	8.77	23.25	11.40
683	0.068	15.50	9.40	15.50	9.40	15.50	9.40	15.50	9.40	25.50	12.22
753	0.075	17.10	10.12	17.10	10.12	17.10	10.12	17.10	10.12	28.13	13.15
823	0.082	18.70	10.82	18.70	10.82	18.70	10.82	18.70	10.82	17.34	10.05
913	0.091	20.75	11.70	20.75	11.70	20.75	11.70	20.75	11.70	19.25	10.86
104	0.10	17.01	9.60	17.01	9.60	17.01	9.60	17.01	9.60	21.15	11.66
114	0.11	18.71	10.31	18.71	10.31	18.71	10.31	18.71	10.31	23.27	12.52
124	0.12	20.41	11.01	20.41	11.01	20.41	11.01	20.41	11.01	25.38	13.37
134	0.13	22.11	11.69	22.11	11.69	22.11	11.69	22.11	11.69	27.50	14.19
154	0.15	25.52	13.01	25.52	13.01	25.52	13.01	25.52	13.01	31.73	15.80
164	0.16	27.22	13.66	27.22	13.66	27.22	13.66	27.22	13.66	29.14	13.93
184	0.18	19.89	9.95	24.87	12.43	22.06	11.03	22.06	11.03	30.44	15.22
204	0.20	21.53	10.76	26.91	13.46	23.87	11.93	23.87	11.93	32.94	16.47
224	0.22	23.12	11.56	28.91	14.45	25.64	12.82	25.64	12.82	35.38	17.69
244	0.24	24.68	12.34	30.85	15.43	27.37	13.68	27.37	13.68	37.77	18.88
274	0.27	26.96	13.48	33.70	16.85	29.89	14.95	29.89	14.95	41.25	20.63
304	0.30	29.18	14.59	36.48	18.24	32.35	16.18	32.35	16.18	24.80	12.40
334	0.33	31.34	15.67	28.96	14.48	34.75	17.37	34.75	17.37	26.64	13.32
364	0.36	33.46	16.73	30.91	15.46	37.09	18.55	37.09	18.55	28.44	14.22
394	0.39	35.53	17.76	32.82	16.41	39.39	19.69	39.39	19.69	30.20	15.10
434	0.43	38.23	19.11	35.32	17.66	42.38	21.19	42.38	21.19	32.49	16.25
474	0.47	25.73	12.86	37.75	18.88	38.59	19.30	38.59	19.30	34.73	17.37
514	0.51	27.35	13.68	40.14	20.07	41.03	20.52	41.03	20.52	36.93	18.46
564	0.56	29.34	14.67	43.05	21.53	44.01	22.01	44.01	22.01	39.61	19.81
624	0.62	31.67	15.83	39.59	19.79	47.50	23.75	47.50	23.75	42.75	21.38
684	0.68	33.94	16.97	42.43	21.21	50.91	25.46	50.91	25.46	45.82	22.91
754	0.75	36.53	18.26	45.66	22.83	54.79	27.40	54.79	27.40	49.31	24.66
824	0.82	39.06	19.53	48.82	24.41	42.75	21.38	42.75	21.38	52.73	26.36
914	0.91	42.23	21.11	52.79	26.39	46.22	23.11	46.22	23.11	57.01	28.50
105	1.0	37.80	22.66	74.10	28.33	52.00	24.81	52.00	24.81	64.50	30.59
115	1.1	41.58	24.34	57.20	22.20	57.20	26.64	57.20	26.64	70.95	32.86
125	1.2	45.36	25.98	62.40	23.70	62.40	28.44	62.40	28.44	77.40	35.08
135	1.3	49.14	27.59	67.60	25.17	67.60	30.20	67.60	30.20	70.98	29.41
155	1.5	56.70	30.72	78.00	28.02	78.00	33.62	78.00	33.62	81.90	32.74
165	1.6	60.48	32.24	83.20	29.41	83.20	35.29	83.20	35.29	87.36	34.36
185	1.8	54.00	25.70	93.60	32.12	73.80	30.35	73.80	30.35	98.28	37.53
205	2.0	60.00	27.81	104.00	34.77	82.00	32.84	82.00	32.84	109.20	40.62
225	2.2	66.00	29.87	114.40	37.34	90.20	35.28	90.20	35.28	120.12	43.63
245	2.4	72.00	31.89	98.40	31.38	84.24	30.00	84.24	30.00		
275	2.7	81.00	34.83	110.70	34.28	94.77	32.77	94.77	32.77		
305	3.0	90.00	37.70	123.00	37.10	105.30	35.46	105.30	35.46		
335	3.3	99.00	40.49	135.30	39.84	115.83	38.09	115.83	38.09		
365	3.6	73.80	34.02	147.60	42.53						
395	3.9	79.95	36.13	159.90	45.16						
435	4.3	88.15	38.88	176.30	48.59						
475	4.7	96.35	41.56	192.70	51.95						
515	5.1	104.55	44.18								
565	5.6	114.80	47.39								
625	6.2	127.10	51.15								
685	6.8	139.40	54.82								
755	7.5	134.25	47.00								
825	8.2	146.78	50.25								
915	9.1	162.89	54.34								
106	10.0	179.00	58.32								

許容ピーク電流値（パルス電流）　Permissible Peak Current(Pulse Current)

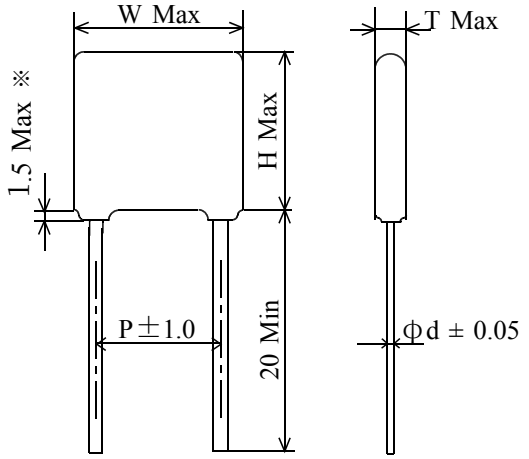
◆Type MPE

容量記号 Capacitance Symbol	静電容量 Capacitance (μF)	800V.dc		1000V.dc		1250V.dc		1600V.dc	
		単発 Single (Ao-p)	連続 Continual (Ao-p)	単発 Single (Ao-p)	連続 Continual (Ao-p)	単発 Single (Ao-p)	連続 Continual (Ao-p)	単発 Single (Ao-p)	連続 Continual (Ao-p)
102	0.0010	7.84	3.92	7.84	3.92	7.84	3.92	7.84	3.92
112	0.0011	8.43	4.21	8.43	4.21	8.43	4.21	8.43	4.21
122	0.0012	8.99	4.50	8.99	4.50	8.99	4.50	8.99	4.50
132	0.0013	9.55	4.78	9.55	4.78	9.55	4.78	9.55	4.78
152	0.0015	10.63	5.32	10.63	5.32	10.63	5.32	10.63	5.32
162	0.0016	11.16	5.58	11.16	5.58	11.16	5.58	11.16	5.58
182	0.0018	12.19	6.10	12.19	6.10	12.19	6.10	12.19	6.10
202	0.002	13.19	6.60	13.19	6.60	13.19	6.60	13.19	6.60
222	0.0022	14.17	7.09	14.17	7.09	14.17	7.09	14.17	7.09
242	0.0024	15.13	7.56	15.13	7.56	15.13	7.56	15.13	7.56
272	0.0027	7.55	3.78	7.55	3.78	7.55	3.78	7.55	3.78
302	0.0030	8.17	4.09	8.17	4.09	8.17	4.09	8.17	4.09
332	0.0033	8.78	4.39	8.78	4.39	8.78	4.39	8.78	4.39
362	0.0036	9.37	4.69	9.37	4.69	9.37	4.69	9.37	4.69
392	0.0039	9.95	4.98	9.95	4.98	9.95	4.98	9.95	4.98
432	0.0043	10.71	5.35	10.71	5.35	10.71	5.35	10.71	5.35
472	0.0047	11.45	5.72	11.45	5.72	11.45	5.72	11.45	5.72
512	0.0051	12.17	6.09	12.17	6.09	12.17	6.09	12.17	6.09
562	0.0056	9.79	4.90	9.79	4.90	9.79	4.90	13.05	6.53
622	0.0062	10.57	5.28	10.57	5.28	10.57	5.28	14.09	7.05
682	0.0068	11.33	5.66	11.33	5.66	11.33	5.66	15.10	7.55
752	0.0075	12.19	6.09	12.19	6.09	12.19	6.09	16.25	8.13
822	0.0082	10.14	5.07	10.14	5.07	13.03	6.52	17.38	8.69
912	0.0091	10.96	5.48	10.96	5.48	14.09	7.05	18.79	9.39
103	0.010	11.76	5.88	11.76	5.88	15.12	7.56	11.76	5.88
113	0.011	12.64	6.32	12.64	6.32	16.25	8.12	12.64	6.32
123	0.012	13.49	6.74	13.49	6.74	17.34	8.67	13.49	6.74
133	0.013	14.32	7.16	14.32	7.16	18.41	9.21	14.32	7.16
153	0.015	13.67	6.83	15.94	7.97	20.50	10.25	15.94	7.97
163	0.016	14.34	7.17	16.74	8.37	21.52	10.76	16.74	8.37
183	0.018	15.67	7.83	18.28	9.14	13.71	6.86	18.28	9.14
203	0.020	16.96	8.48	19.78	9.89	14.84	7.42	19.78	9.89
223	0.022	18.21	9.11	21.25	10.63	15.94	7.97	15.00	7.50
243	0.024	19.44	9.72	22.68	11.34	17.01	8.51	16.01	8.01
273	0.027	21.24	10.62	24.78	12.39	18.58	9.29	17.49	8.75
303	0.030	22.98	11.49	26.82	13.41	20.11	10.06	18.93	9.46
333	0.033	14.40	7.20	16.80	8.40	21.60	10.80	20.33	10.17
363	0.036	15.37	7.69	17.93	8.97	23.06	11.53	21.70	10.85
393	0.039	16.32	8.16	19.04	9.52	24.49	12.24	23.04	11.52
433	0.043	17.56	8.78	20.49	10.25	26.35	13.17	24.80	12.40
473	0.047	18.78	9.39	21.90	10.95	28.16	14.08	26.51	13.25
513	0.051	19.96	9.98	23.29	11.64	29.94	14.97	28.18	14.09
563	0.056	21.41	10.71	24.98	12.49	22.67	11.34	30.23	15.11
623	0.062	23.11	11.56	26.96	13.48	24.47	12.23	32.63	16.31
683	0.068	24.77	12.38	28.90	14.45	26.23	13.11	34.97	17.48
753	0.075	26.66	13.33	31.10	15.55	28.22	14.11	37.63	18.82
823	0.082	28.50	14.25	33.25	16.63	30.18	15.09	40.24	20.12
913	0.091	30.82	15.41	35.95	17.98	32.63	16.32	43.51	21.75
104	0.10	33.08	16.54	38.59	19.29	35.02	17.51	46.70	23.35
114	0.11	25.08	12.54	29.26	14.63	37.62	18.81		
124	0.12	26.77	13.38	31.23	15.62	40.15	20.08		
134	0.13	28.43	14.21	33.16	16.58	42.64	21.32		
154	0.15	31.65	15.82	36.92	18.46	47.47	23.73		
164	0.16	33.22	16.61	38.75	19.38	49.82	24.91		
184	0.18	36.28	18.14	42.33	21.16	54.42	27.21		
204	0.20	39.27	19.63	45.81	22.91				
224	0.22	42.18	21.09	49.20	24.60				
244	0.24	45.02	22.51						
274	0.27	49.18	24.59						
304	0.30	53.22	26.61						
334	0.33	57.17	28.58						
364	0.36	61.02	30.51						
394	0.39	64.80	32.40						
434	0.43	69.72	34.86						
474	0.47	74.53	37.26						
514	0.51	79.24	39.62						
564	0.56	84.99	42.50						
624	0.62	91.74	45.87						
684	0.68	98.32	49.16						

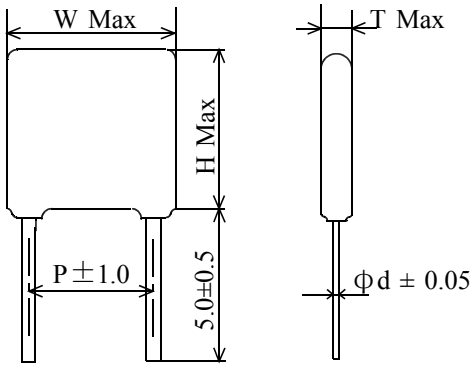
SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

Drawing of dimension

・ＭＰＥ：Straight lead type



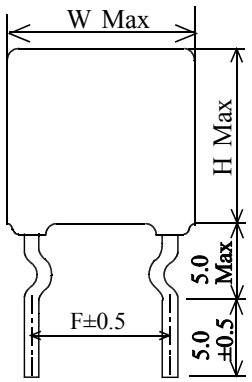
・ＭＰＥＣ：Cut lead type



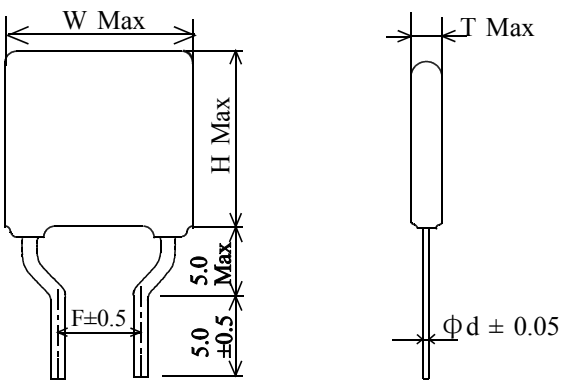
※ 2.0mmMax, when dimension of H are more than 20mm.

・ＭＰＥＦ：Single-formed lead type

《Type Ａ》



《Type Ｂ》



SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-250V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)													
		W	H	T	P	F		F		F				φd	
MPE□□0250□1030000□□□□	0.010	13.0	9.0	5.5	10.0	7.5	A	10.0	A					0.6	
MPE□□0250□1130000□□□□	0.011	〃	〃	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□1230000□□□□	0.012	〃	〃	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□1330000□□□□	0.013	〃	9.5	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□1530000□□□□	0.015	〃	〃	6.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□1630000□□□□	0.016	〃	〃	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□1830000□□□□	0.018	〃	10.0	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□2030000□□□□	0.020	〃	〃	6.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□2230000□□□□	0.022	〃	10.5	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□2430000□□□□	0.024	〃	〃	7.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□2730000□□□□	0.027	〃	〃	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□3030000□□□□	0.030	〃	11.0	7.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□3330000□□□□	0.033	〃	9.0	5.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□3630000□□□□	0.036	〃	9.5	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□3930000□□□□	0.039	〃	〃	6.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□4330000□□□□	0.043	〃	〃	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□4730000□□□□	0.047	〃	10.0	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□5130000□□□□	0.051	〃	〃	6.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□5630000□□□□	0.056	〃	〃	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□6230000□□□□	0.062	〃	10.5	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□6830000□□□□	0.068	〃	〃	7.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□7530000□□□□	0.075	〃	11.0	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□8230000□□□□	0.082	〃	〃	7.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□9130000□□□□	0.091	〃	11.5	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□1040000□□□□	0.10	15.5	12.0	6.5	12.5	〃	B	〃	〃					〃	
MPE□□0250□1140000□□□□	0.11	〃	〃	7.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□1240000□□□□	0.12	〃	12.5	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□1340000□□□□	0.13	〃	〃	7.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□1540000□□□□	0.15	〃	13.0	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□1640000□□□□	0.16	〃	〃	8.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□1840000□□□□	0.18	〃	11.5	6.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□2040000□□□□	0.20	〃	〃	6.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□2240000□□□□	0.22	〃	12.0	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□2440000□□□□	0.24	〃	〃	7.0	〃	〃	〃	〃	〃					〃	
MPE□□0250□2740000□□□□	0.27	〃	12.5	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□3040000□□□□	0.30	〃	〃	7.5	〃	〃	〃	〃	〃					〃	
MPE□□0250□3340000□□□□	0.33	〃	13.0	〃	〃	〃	〃	〃	〃					〃	
MPE□□0250□3640000□□□□	0.36	〃	12.0	8.5	〃	〃	〃	〃	〃					〃	

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-250V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0250□3940000□□□□	0.39	15.5	12.5	9.0	12.5	7.5	B	10.0	A			0.6
MPE□□0250□4340000□□□□	0.43	〃	13.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0250□4740000□□□□	0.47	20.5	13.5	7.0	17.5	〃	〃	〃	B	12.5	B	0.8
MPE□□0250□5140000□□□□	0.51	〃	14.0	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□5640000□□□□	0.56	〃	〃	7.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□6240000□□□□	0.62	〃	14.5	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□6840000□□□□	0.68	〃	〃	8.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□7540000□□□□	0.75	〃	15.0	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□8240000□□□□	0.82	〃	15.5	8.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□9140000□□□□	0.91	〃	〃	9.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□1050000□□□□	1.0	〃	16.0	9.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□1150000□□□□	1.1	〃	16.5	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□1250000□□□□	1.2	〃	17.0	10.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□1350000□□□□	1.3	〃	17.5	10.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□1550000□□□□	1.5	〃	18.0	11.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□1650000□□□□	1.6	〃	18.5	11.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0250□1850000□□□□	1.8	25.5	19.5	9.5	22.5			17.5	〃			〃
MPE□□0250□2050000□□□□	2.0	〃	20.0	10.0	〃			〃	〃			〃
MPE□□0250□2250000□□□□	2.2	〃	20.5	10.5	〃			〃	〃			〃
MPE□□0250□2450000□□□□	2.4	〃	21.0	11.0	〃			〃	〃			〃
MPE□□0250□2750000□□□□	2.7	〃	21.5	11.5	〃			〃	〃			〃
MPE□□0250□3050000□□□□	3.0	〃	22.0	12.0	〃			〃	〃			〃
MPE□□0250□3350000□□□□	3.3	〃	22.5	12.5	〃			〃	〃			〃
MPE□□0250□3650000□□□□	3.6	31.0	22.0	〃	27.5			22.5	〃			〃
MPE□□0250□3950000□□□□	3.9	〃	22.5	13.0	〃			〃	〃			〃
MPE□□0250□4350000□□□□	4.3	〃	23.5	13.5	〃			〃	〃			〃
MPE□□0250□4750000□□□□	4.7	〃	24.0	14.0	〃			〃	〃			〃
MPE□□0250□5150000□□□□	5.1	〃	24.5	14.5	〃			〃	〃			〃
MPE□□0250□5650000□□□□	5.6	〃	25.0	15.5	〃			〃	〃			〃
MPE□□0250□6250000□□□□	6.2	〃	26.0	16.0	〃			〃	〃			〃
MPE□□0250□6850000□□□□	6.8	〃	〃	17.5	〃			〃	〃			〃
MPE□□0250□7550000□□□□	7.5	37.0	25.0	16.5	32.5			27.5	〃			〃
MPE□□0250□8250000□□□□	8.2	〃	25.5	17.0	〃			〃	〃			〃
MPE□□0250□9150000□□□□	9.1	〃	26.5	18.0	〃			〃	〃			〃
MPE□□0250□1060000□□□□	10.0	〃	〃	20.0	〃			〃	〃			〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-315V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0315□1030000□□□□	0.010	13.0	9.0	5.5	10.0	7.5	A	10.0	A			0.6
MPE□□0315□1130000□□□□	0.011	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□1230000□□□□	0.012	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□1330000□□□□	0.013	〃	9.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□1530000□□□□	0.015	〃	〃	6.0	〃	〃	〃	〃	〃			〃
MPE□□0315□1630000□□□□	0.016	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□1830000□□□□	0.018	〃	10.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□2030000□□□□	0.020	〃	〃	6.5	〃	〃	〃	〃	〃			〃
MPE□□0315□2230000□□□□	0.022	〃	10.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□2430000□□□□	0.024	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0315□2730000□□□□	0.027	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□3030000□□□□	0.030	〃	11.0	7.5	〃	〃	〃	〃	〃			〃
MPE□□0315□3330000□□□□	0.033	〃	9.0	5.5	〃	〃	〃	〃	〃			〃
MPE□□0315□3630000□□□□	0.036	〃	9.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□3930000□□□□	0.039	〃	〃	6.0	〃	〃	〃	〃	〃			〃
MPE□□0315□4330000□□□□	0.043	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□4730000□□□□	0.047	〃	10.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□5130000□□□□	0.051	〃	〃	6.5	〃	〃	〃	〃	〃			〃
MPE□□0315□5630000□□□□	0.056	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□6230000□□□□	0.062	〃	10.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□6830000□□□□	0.068	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0315□7530000□□□□	0.075	〃	11.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□8230000□□□□	0.082	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0315□9130000□□□□	0.091	〃	11.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□1040000□□□□	0.10	15.5	12.0	6.5	12.5	〃	B	〃	〃			〃
MPE□□0315□1140000□□□□	0.11	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0315□1240000□□□□	0.12	〃	12.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□1340000□□□□	0.13	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0315□1540000□□□□	0.15	〃	13.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0315□1640000□□□□	0.16	〃	〃	8.0	〃	〃	〃	〃	〃			〃
MPE□□0315□1840000□□□□	0.18	〃	12.5	7.0	〃	〃	〃	〃	〃			〃
MPE□□0315□2040000□□□□	0.20	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0315□2240000□□□□	0.22	〃	13.0	8.0	〃	〃	〃	〃	〃			〃
MPE□□0315□2440000□□□□	0.24	〃	12.5	8.5	〃	〃	〃	〃	〃			〃
MPE□□0315□2740000□□□□	0.27	〃	13.0	9.0	〃	〃	〃	〃	〃			〃
MPE□□0315□3040000□□□□	0.30	〃	〃	9.5	〃	〃	〃	〃	〃			〃
MPE□□0315□3340000□□□□	0.33	18.5	13.5	8.0	15.0	〃	〃	〃	B	12.5	A	0.8
MPE□□0315□3640000□□□□	0.36	〃	〃	8.5	〃	〃	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-315V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0315□3940000□□□□	0.39	18.5	14.0	8.5	15.0	7.5	B	10.0	B	12.5	A	0.8
MPE□□0315□4340000□□□□	0.43	〃	〃	9.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□4740000□□□□	0.47	〃	15.5	8.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□5140000□□□□	0.51	〃	16.0	9.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□5640000□□□□	0.56	〃	〃	9.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□6240000□□□□	0.62	20.5	〃	9.0	17.5	〃	〃	〃	〃	〃	B	〃
MPE□□0315□6840000□□□□	0.68	〃	16.5	9.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□7540000□□□□	0.75	〃	17.0	10.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□8240000□□□□	0.82	〃	〃	10.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□9140000□□□□	0.91	〃	17.5	11.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□1050000□□□□	1.0	〃	18.0	11.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0315□1150000□□□□	1.1	25.5	〃	9.5	22.5			17.5	〃			〃
MPE□□0315□1250000□□□□	1.2	〃	18.5	10.0	〃			〃	〃			〃
MPE□□0315□1350000□□□□	1.3	〃	19.0	10.5	〃			〃	〃			〃
MPE□□0315□1550000□□□□	1.5	〃	19.5	11.5	〃			〃	〃			〃
MPE□□0315□1650000□□□□	1.6	〃	20.0	〃	〃			〃	〃			〃
MPE□□0315□1850000□□□□	1.8	〃	20.5	12.5	〃			〃	〃			〃
MPE□□0315□2050000□□□□	2.0	〃	21.5	13.0	〃			〃	〃			〃
MPE□□0315□2250000□□□□	2.2	〃	23.0	〃	〃			〃	〃			〃
MPE□□0315□2450000□□□□	2.4	31.0	22.5	12.5	27.5			22.5	〃			〃
MPE□□0315□2750000□□□□	2.7	〃	23.0	13.5	〃			〃	〃			〃
MPE□□0315□3050000□□□□	3.0	〃	24.0	14.0	〃			〃	〃			〃
MPE□□0315□3350000□□□□	3.3	〃	24.5	14.5	〃			〃	〃			〃
MPE□□0315□3650000□□□□	3.6	〃	25.5	15.5	〃			〃	〃			〃
MPE□□0315□3950000□□□□	3.9	〃	26.0	16.0	〃			〃	〃			〃
MPE□□0315□4350000□□□□	4.3	〃	26.5	17.0	〃			〃	〃			〃
MPE□□0315□4750000□□□□	4.7	〃	〃	18.5	〃			〃	〃			〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

MPE,MPEF,MPEC-400V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0400□1030000□□□□	0.010	13.0	9.0	5.5	10.0	7.5	A	10.0	A			0.6
MPE□□0400□1130000□□□□	0.011	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□1230000□□□□	0.012	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□1330000□□□□	0.013	〃	9.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□1530000□□□□	0.015	〃	〃	6.0	〃	〃	〃	〃	〃			〃
MPE□□0400□1630000□□□□	0.016	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□1830000□□□□	0.018	〃	10.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□2030000□□□□	0.020	〃	〃	6.5	〃	〃	〃	〃	〃			〃
MPE□□0400□2230000□□□□	0.022	〃	10.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□2430000□□□□	0.024	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0400□2730000□□□□	0.027	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□3030000□□□□	0.030	〃	11.0	7.5	〃	〃	〃	〃	〃			〃
MPE□□0400□3330000□□□□	0.033	〃	9.0	5.5	〃	〃	〃	〃	〃			〃
MPE□□0400□3630000□□□□	0.036	〃	9.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□3930000□□□□	0.039	〃	〃	6.0	〃	〃	〃	〃	〃			〃
MPE□□0400□4330000□□□□	0.043	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□4730000□□□□	0.047	〃	10.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□5130000□□□□	0.051	〃	〃	6.5	〃	〃	〃	〃	〃			〃
MPE□□0400□5630000□□□□	0.056	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□6230000□□□□	0.062	〃	10.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□6830000□□□□	0.068	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0400□7530000□□□□	0.075	〃	11.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□8230000□□□□	0.082	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0400□9130000□□□□	0.091	〃	11.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□1040000□□□□	0.10	15.5	12.0	6.5	12.5	〃	B	〃	〃			〃
MPE□□0400□1140000□□□□	0.11	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0400□1240000□□□□	0.12	〃	12.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□1340000□□□□	0.13	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0400□1540000□□□□	0.15	〃	13.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0400□1640000□□□□	0.16	〃	〃	8.0	〃	〃	〃	〃	〃			〃
MPE□□0400□1840000□□□□	0.18	18.5	13.5	7.0	15.0	〃	〃	〃	B	12.5	A	0.8
MPE□□0400□2040000□□□□	0.20	〃	14.0	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□2240000□□□□	0.22	〃	〃	7.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□2440000□□□□	0.24	〃	14.5	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□2740000□□□□	0.27	〃	15.0	8.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□3040000□□□□	0.30	〃	〃	8.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□3340000□□□□	0.33	〃	15.5	9.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□3640000□□□□	0.36	〃	16.0	〃	〃	〃	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

MPE,MPEF,MPEC-400V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0400□3940000□□□□	0.39	18.5	15.5	10.0	15.0	7.5	B	10.0	B	12.5	A	0.8
MPE□□0400□4340000□□□□	0.43	〃	16.0	10.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□4740000□□□□	0.47	20.5	16.5	9.5	17.5	〃	〃	〃	〃	〃	B	〃
MPE□□0400□5140000□□□□	0.51	〃	〃	10.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□5640000□□□□	0.56	〃	17.0	10.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□6240000□□□□	0.62	〃	17.5	11.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□6840000□□□□	0.68	〃	〃	12.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□7540000□□□□	0.75	〃	18.0	12.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0400□8240000□□□□	0.82	25.5	18.5	10.0	22.5			17.5	〃			〃
MPE□□0400□9140000□□□□	0.91	〃	19.0	10.5	〃			〃	〃			〃
MPE□□0400□1050000□□□□	1.0	〃	19.5	11.0	〃			〃	〃			〃
MPE□□0400□1150000□□□□	1.1	〃	20.0	11.5	〃			〃	〃			〃
MPE□□0400□1250000□□□□	1.2	〃	20.5	12.0	〃			〃	〃			〃
MPE□□0400□1350000□□□□	1.3	〃	21.0	12.5	〃			〃	〃			〃
MPE□□0400□1550000□□□□	1.5	〃	22.0	13.5	〃			〃	〃			〃
MPE□□0400□1650000□□□□	1.6	〃	22.5	14.0	〃			〃	〃			〃
MPE□□0400□1850000□□□□	1.8	31.0	23.0	13.0	27.5			22.5	〃			〃
MPE□□0400□2050000□□□□	2.0	〃	23.5	13.5	〃			〃	〃			〃
MPE□□0400□2250000□□□□	2.2	〃	24.5	14.5	〃			〃	〃			〃
MPE□□0400□2450000□□□□	2.4	37.0	23.5	13.5	32.5			27.5	〃			〃
MPE□□0400□2750000□□□□	2.7	〃	24.0	14.0	〃			〃	〃			〃
MPE□□0400□3050000□□□□	3.0	〃	25.0	15.0	〃			〃	〃			〃
MPE□□0400□3350000□□□□	3.3	〃	〃	16.5	〃			〃	〃			〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-450V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0450□1030000□□□□	0.010	13.0	9.0	5.5	10.0	7.5	A	10.0	A			0.6
MPE□□0450□1130000□□□□	0.011	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□1230000□□□□	0.012	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□1330000□□□□	0.013	〃	9.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□1530000□□□□	0.015	〃	〃	6.0	〃	〃	〃	〃	〃			〃
MPE□□0450□1630000□□□□	0.016	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□1830000□□□□	0.018	〃	10.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□2030000□□□□	0.020	〃	〃	6.5	〃	〃	〃	〃	〃			〃
MPE□□0450□2230000□□□□	0.022	〃	10.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□2430000□□□□	0.024	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0450□2730000□□□□	0.027	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□3030000□□□□	0.030	〃	11.0	7.5	〃	〃	〃	〃	〃			〃
MPE□□0450□3330000□□□□	0.033	〃	9.0	5.5	〃	〃	〃	〃	〃			〃
MPE□□0450□3630000□□□□	0.036	〃	9.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□3930000□□□□	0.039	〃	〃	6.0	〃	〃	〃	〃	〃			〃
MPE□□0450□4330000□□□□	0.043	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□4730000□□□□	0.047	〃	10.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□5130000□□□□	0.051	〃	〃	6.5	〃	〃	〃	〃	〃			〃
MPE□□0450□5630000□□□□	0.056	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□6230000□□□□	0.062	〃	10.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□6830000□□□□	0.068	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0450□7530000□□□□	0.075	〃	11.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□8230000□□□□	0.082	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0450□9130000□□□□	0.091	〃	11.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□1040000□□□□	0.10	15.5	12.0	6.5	12.5	〃	B	〃	〃			〃
MPE□□0450□1140000□□□□	0.11	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0450□1240000□□□□	0.12	〃	12.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□1340000□□□□	0.13	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0450□1540000□□□□	0.15	〃	13.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0450□1640000□□□□	0.16	〃	〃	8.0	〃	〃	〃	〃	〃			〃
MPE□□0450□1840000□□□□	0.18	18.5	13.5	7.0	15.0	〃	〃	〃	B	12.5	A	0.8
MPE□□0450□2040000□□□□	0.20	〃	14.0	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□2240000□□□□	0.22	〃	〃	7.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□2440000□□□□	0.24	〃	14.5	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□2740000□□□□	0.27	〃	15.0	8.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□3040000□□□□	0.30	〃	〃	8.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□3340000□□□□	0.33	〃	15.5	9.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□3640000□□□□	0.36	〃	16.0	〃	〃	〃	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

MPE,MPEF,MPEC-450V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0450□3940000□□□□	0.39	18.5	15.5	10.0	15.0	7.5	B	10.0	B	12.5	A	0.8
MPE□□0450□4340000□□□□	0.43	〃	16.0	10.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□4740000□□□□	0.47	20.5	16.5	9.5	17.5	〃	〃	〃	〃	〃	B	〃
MPE□□0450□5140000□□□□	0.51	〃	〃	10.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□5640000□□□□	0.56	〃	17.0	10.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□6240000□□□□	0.62	〃	17.5	11.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□6840000□□□□	0.68	〃	〃	12.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□7540000□□□□	0.75	〃	18.0	12.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0450□8240000□□□□	0.82	25.5	18.5	10.0	22.5			17.5	〃			〃
MPE□□0450□9140000□□□□	0.91	〃	19.0	10.5	〃			〃	〃			〃
MPE□□0450□1050000□□□□	1.0	〃	19.5	11.0	〃			〃	〃			〃
MPE□□0450□1150000□□□□	1.1	〃	20.0	11.5	〃			〃	〃			〃
MPE□□0450□1250000□□□□	1.2	〃	20.5	12.0	〃			〃	〃			〃
MPE□□0450□1350000□□□□	1.3	〃	21.0	12.5	〃			〃	〃			〃
MPE□□0450□1550000□□□□	1.5	〃	22.0	13.5	〃			〃	〃			〃
MPE□□0450□1650000□□□□	1.6	〃	22.5	14.0	〃			〃	〃			〃
MPE□□0450□1850000□□□□	1.8	31.0	23.0	13.0	27.5			22.5	〃			〃
MPE□□0450□2050000□□□□	2.0	〃	23.5	13.5	〃			〃	〃			〃
MPE□□0450□2250000□□□□	2.2	〃	24.5	14.5	〃			〃	〃			〃
MPE□□0450□2450000□□□□	2.4	37.0	23.5	13.5	32.5			27.5	〃			〃
MPE□□0450□2750000□□□□	2.7	〃	24.0	14.0	〃			〃	〃			〃
MPE□□0450□3050000□□□□	3.0	〃	25.0	15.0	〃			〃	〃			〃
MPE□□0450□3350000□□□□	3.3	〃	〃	16.5	〃			〃	〃			〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-630V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)										
		W	H	T	P	F		F		F		φd
MPE□□0630□1030000□□□□	0.010	13.0	9.0	5.5	10.0	7.5	A	10.0	A			0.6
MPE□□0630□1130000□□□□	0.011	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□1230000□□□□	0.012	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□1330000□□□□	0.013	〃	9.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□1530000□□□□	0.015	〃	〃	6.0	〃	〃	〃	〃	〃			〃
MPE□□0630□1630000□□□□	0.016	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□1830000□□□□	0.018	〃	10.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□2030000□□□□	0.020	〃	〃	6.5	〃	〃	〃	〃	〃			〃
MPE□□0630□2230000□□□□	0.022	〃	10.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□2430000□□□□	0.024	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0630□2730000□□□□	0.027	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□3030000□□□□	0.030	〃	11.0	7.5	〃	〃	〃	〃	〃			〃
MPE□□0630□3330000□□□□	0.033	15.5	11.5	6.5	12.5	〃	B	〃	〃			〃
MPE□□0630□3630000□□□□	0.036	〃	〃	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□3930000□□□□	0.039	〃	12.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□4330000□□□□	0.043	〃	〃	7.0	〃	〃	〃	〃	〃			〃
MPE□□0630□4730000□□□□	0.047	〃	12.5	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□5130000□□□□	0.051	〃	〃	7.5	〃	〃	〃	〃	〃			〃
MPE□□0630□5630000□□□□	0.056	〃	13.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□6230000□□□□	0.062	〃	〃	8.0	〃	〃	〃	〃	〃			〃
MPE□□0630□6830000□□□□	0.068	〃	12.5	9.0	〃	〃	〃	〃	〃			〃
MPE□□0630□7530000□□□□	0.075	〃	13.0	〃	〃	〃	〃	〃	〃			〃
MPE□□0630□8230000□□□□	0.082	18.5	14.0	7.0	15.0	〃	〃	〃	B	12.5	A	0.8
MPE□□0630□9130000□□□□	0.091	〃	14.5	7.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□1040000□□□□	0.10	〃	〃	8.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□1140000□□□□	0.11	〃	15.0	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□1240000□□□□	0.12	〃	〃	8.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□1340000□□□□	0.13	〃	15.5	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□1540000□□□□	0.15	〃	16.0	9.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□1640000□□□□	0.16	20.5	15.5	9.0	17.5	〃	〃	〃	〃	〃	B	〃
MPE□□0630□1840000□□□□	0.18	〃	16.0	9.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□2040000□□□□	0.20	〃	16.5	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□2240000□□□□	0.22	〃	17.0	10.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□2440000□□□□	0.24	〃	17.5	10.5	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□2740000□□□□	0.27	〃	18.0	11.0	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0630□3040000□□□□	0.30	25.5	〃	9.5	22.5			17.5	〃			〃
MPE□□0630□3340000□□□□	0.33	〃	18.5	10.0	〃			〃	〃			〃
MPE□□0630□3640000□□□□	0.36	〃	18.5	10.5	〃			〃	〃			〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

MPE,MPEF,MPEC-630V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)											
		W	H	T	P	F		F			F		φd
MPE□□0630□3940000□□□□	0.39	25.5	19.0	10.5	22.5			17.5		B			0.8
MPE□□0630□4340000□□□□	0.43	〃	19.5	11.0	〃			〃		〃			〃
MPE□□0630□4740000□□□□	0.47	〃	20.0	11.5	〃			〃		〃			〃
MPE□□0630□5140000□□□□	0.51	〃	20.5	12.0	〃			〃		〃			〃
MPE□□0630□5640000□□□□	0.56	〃	21.0	13.0	〃			〃		〃			〃
MPE□□0630□6240000□□□□	0.62	〃	22.0	13.5	〃			〃		〃			〃
MPE□□0630□6840000□□□□	0.68	〃	22.5	14.0	〃			〃		〃			〃
MPE□□0630□7540000□□□□	0.75	〃	23.0	15.0	〃			〃		〃			〃
MPE□□0630□8240000□□□□	0.82	31.0	23.5	13.5	27.5			22.5		〃			〃
MPE□□0630□9140000□□□□	0.91	〃	24.0	14.0	〃			〃		〃			〃
MPE□□0630□1050000□□□□	1.0	〃	25.0	15.0	〃			〃		〃			〃
MPE□□0630□1150000□□□□	1.1	〃	25.5	15.5	〃			〃		〃			〃
MPE□□0630□1250000□□□□	1.2	〃	26.0	16.5	〃			〃		〃			〃
MPE□□0630□1350000□□□□	1.3	37.0	24.0	16.0	32.5			27.5		〃			〃
MPE□□0630□1550000□□□□	1.5	〃	25.5	17.0	〃			〃		〃			〃
MPE□□0630□1650000□□□□	1.6	〃	26.0	17.5	〃			〃		〃			〃
MPE□□0630□1850000□□□□	1.8	〃	〃	19.5	〃			〃		〃			〃
MPE□□0630□2050000□□□□	2.0	〃	27.0	20.5	〃			〃		〃			〃
MPE□□0630□2250000□□□□	2.2	〃	28.0	21.0	〃			〃		〃			〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-800V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□0800□1020000□□□□	0.0010	18.5	9.0	5.5	15.0	7.5	B	15.0	A	0.6
MPE□□0800□1120000□□□□	0.0011	〃	9.5	6.0	〃	〃	〃	〃	〃	〃
MPE□□0800□1220000□□□□	0.0012	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1320000□□□□	0.0013	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1520000□□□□	0.0015	〃	10.0	6.5	〃	〃	〃	〃	〃	〃
MPE□□0800□1620000□□□□	0.0016	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1820000□□□□	0.0018	〃	10.5	7.0	〃	〃	〃	〃	〃	〃
MPE□□0800□2020000□□□□	0.0020	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□2220000□□□□	0.0022	〃	11.0	7.5	〃	〃	〃	〃	〃	〃
MPE□□0800□2420000□□□□	0.0024	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□2720000□□□□	0.0027	〃	9.0	5.5	〃	〃	〃	〃	〃	〃
MPE□□0800□3020000□□□□	0.0030	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□3320000□□□□	0.0033	〃	〃	6.0	〃	〃	〃	〃	〃	〃
MPE□□0800□3620000□□□□	0.0036	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□3920000□□□□	0.0039	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□4320000□□□□	0.0043	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□4720000□□□□	0.0047	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□5120000□□□□	0.0051	〃	11.5	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□5620000□□□□	0.0056	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□6220000□□□□	0.0062	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□6820000□□□□	0.0068	〃	10.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□7520000□□□□	0.0075	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□8220000□□□□	0.0082	〃	9.0	5.5	〃	〃	〃	〃	〃	〃
MPE□□0800□9120000□□□□	0.0091	〃	9.5	6.0	〃	〃	〃	〃	〃	〃
MPE□□0800□1030000□□□□	0.010	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1130000□□□□	0.011	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1230000□□□□	0.012	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1330000□□□□	0.013	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1530000□□□□	0.015	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1630000□□□□	0.016	〃	10.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1830000□□□□	0.018	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□2030000□□□□	0.020	〃	〃	〃	〃	〃	〃	〃	〃	0.8
MPE□□0800□2230000□□□□	0.022	〃	11.5	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□2430000□□□□	0.024	〃	12.5	6.5	〃	〃	〃	〃	〃	〃
MPE□□0800□2730000□□□□	0.027	〃	〃	7.0	〃	〃	〃	〃	〃	〃
MPE□□0800□3030000□□□□	0.030	〃	12.5	〃	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-800V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□0800□3330000□□□□	0.033	23.5	11.5	6.5	20.0	15.0	B	20.0	A	0.8
MPE□□0800□3630000□□□□	0.036	〃	12.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□3930000□□□□	0.039	〃	〃	7.0	〃	〃	〃	〃	〃	〃
MPE□□0800□4330000□□□□	0.043	〃	12.5	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□4730000□□□□	0.047	〃	〃	7.5	〃	〃	〃	〃	〃	〃
MPE□□0800□5130000□□□□	0.051	〃	13.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□5630000□□□□	0.056	〃	14.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□6230000□□□□	0.062	〃	14.5	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□6830000□□□□	0.068	〃	17.0	7.0	〃	〃	〃	〃	〃	〃
MPE□□0800□7530000□□□□	0.075	〃	17.5	7.5	〃	〃	〃	〃	〃	〃
MPE□□0800□8230000□□□□	0.082	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□9130000□□□□	0.091	〃	18.0	8.0	〃	〃	〃	〃	〃	〃
MPE□□0800□1040000□□□□	0.10	〃	18.5	8.5	〃	〃	〃	〃	〃	〃
MPE□□0800□1140000□□□□	0.11	28.5	17.5	7.5	25.0	〃	〃	25.0	〃	〃
MPE□□0800□1240000□□□□	0.12	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1340000□□□□	0.13	〃	18.0	8.0	〃	〃	〃	〃	〃	〃
MPE□□0800□1540000□□□□	0.15	〃	18.5	8.5	〃	〃	〃	〃	〃	〃
MPE□□0800□1640000□□□□	0.16	〃	20.0	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□1840000□□□□	0.18	〃	20.5	9.0	〃	〃	〃	〃	〃	〃
MPE□□0800□2040000□□□□	0.20	〃	21.0	9.5	〃	〃	〃	〃	〃	〃
MPE□□0800□2240000□□□□	0.22	〃	21.5	10.0	〃	〃	〃	〃	〃	〃
MPE□□0800□2440000□□□□	0.24	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□0800□2740000□□□□	0.27	〃	22.5	11.0	〃	〃	〃	〃	〃	〃
MPE□□0800□3040000□□□□	0.30	28.5	23.0	11.5	〃	〃	〃	〃	〃	〃
MPE□□0800□3340000□□□□	0.33	〃	23.5	12.0	〃	〃	〃	〃	〃	〃
MPE□□0800□3640000□□□□	0.36	〃	24.0	12.5	〃	〃	〃	〃	〃	〃
MPE□□0800□3940000□□□□	0.39	〃	23.5	13.5	〃	〃	〃	〃	〃	〃
MPE□□0800□4340000□□□□	0.43	〃	24.0	14.0	〃	〃	〃	〃	〃	〃
MPE□□0800□4740000□□□□	0.47	〃	25.0	15.0	〃	〃	〃	〃	〃	〃
MPE□□0800□5140000□□□□	0.51	〃	25.5	16.0	〃	〃	〃	〃	〃	〃
MPE□□0800□5640000□□□□	0.56	〃	〃	17.5	〃	〃	〃	〃	〃	〃
MPE□□0800□6240000□□□□	0.62	〃	26.5	18.0	〃	〃	〃	〃	〃	〃
MPE□□0800□6840000□□□□	0.68	〃	27.5	19.0	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

MPE,MPEF,MPEC-1000V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□1000□1020000□□□□	0.0010	18.5	9.0	5.5	15.0	7.5	B	15.0	A	0.6
MPE□□1000□1120000□□□□	0.0011	〃	9.5	6.0	〃	〃	〃	〃	〃	〃
MPE□□1000□1220000□□□□	0.0012	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1320000□□□□	0.0013	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1520000□□□□	0.0015	〃	10.0	6.5	〃	〃	〃	〃	〃	〃
MPE□□1000□1620000□□□□	0.0016	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1820000□□□□	0.0018	〃	10.5	7.0	〃	〃	〃	〃	〃	〃
MPE□□1000□2020000□□□□	0.0020	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□2220000□□□□	0.0022	〃	11.0	7.5	〃	〃	〃	〃	〃	〃
MPE□□1000□2420000□□□□	0.0024	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□2720000□□□□	0.0027	〃	9.0	5.5	〃	〃	〃	〃	〃	〃
MPE□□1000□3020000□□□□	0.0030	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□3320000□□□□	0.0033	〃	〃	6.0	〃	〃	〃	〃	〃	〃
MPE□□1000□3620000□□□□	0.0036	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□3920000□□□□	0.0039	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□4320000□□□□	0.0043	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□4720000□□□□	0.0047	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□5120000□□□□	0.0051	〃	11.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□5620000□□□□	0.0056	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□6220000□□□□	0.0062	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□6820000□□□□	0.0068	〃	10.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□7520000□□□□	0.0075	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□8220000□□□□	0.0082	〃	9.0	5.5	〃	〃	〃	〃	〃	〃
MPE□□1000□9120000□□□□	0.0091	〃	9.5	6.0	〃	〃	〃	〃	〃	〃
MPE□□1000□1030000□□□□	0.010	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1130000□□□□	0.011	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1230000□□□□	0.012	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1330000□□□□	0.013	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1530000□□□□	0.015	〃	11.5	〃	〃	〃	〃	〃	〃	0.8
MPE□□1000□1630000□□□□	0.016	〃	〃	6.5	〃	〃	〃	〃	〃	〃
MPE□□1000□1830000□□□□	0.018	〃	12.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□2030000□□□□	0.020	〃	〃	7.0	〃	〃	〃	〃	〃	〃
MPE□□1000□2230000□□□□	0.022	〃	12.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□2430000□□□□	0.024	〃	〃	7.5	〃	〃	〃	〃	〃	〃
MPE□□1000□2730000□□□□	0.027	〃	13.0	8.0	〃	〃	〃	〃	〃	〃
MPE□□1000□3030000□□□□	0.030	〃	13.5	〃	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-1000V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□1000□3330000□□□□	0.033	23.5	12.5	7.0	20.0	15.0	B	20.0	A	0.8
MPE□□1000□3630000□□□□	0.036	〃	〃	7.5	〃	〃	〃	〃	〃	〃
MPE□□1000□3930000□□□□	0.039	〃	13.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□4330000□□□□	0.043	〃	14.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□4730000□□□□	0.047	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□5130000□□□□	0.051	〃	16.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□5630000□□□□	0.056	〃	〃	8.0	〃	〃	〃	〃	〃	〃
MPE□□1000□6230000□□□□	0.062	〃	16.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□6830000□□□□	0.068	〃	18.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□7530000□□□□	0.075	〃	18.5	8.5	〃	〃	〃	〃	〃	〃
MPE□□1000□8230000□□□□	0.082	〃	〃	9.0	〃	〃	〃	〃	〃	〃
MPE□□1000□9130000□□□□	0.091	〃	19.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1000□1040000□□□□	0.10	〃	19.5	9.5	〃	〃	〃	〃	〃	〃
MPE□□1000□1140000□□□□	0.11	28.5	18.5	8.5	25.0	〃	〃	25.0	〃	〃
MPE□□1000□1240000□□□□	0.12	〃	19.0	9.0	〃	〃	〃	〃	〃	〃
MPE□□1000□1340000□□□□	0.13	〃	〃	9.5	〃	〃	〃	〃	〃	〃
MPE□□1000□1540000□□□□	0.15	〃	20.0	10.0	〃	〃	〃	〃	〃	〃
MPE□□1000□1640000□□□□	0.16	〃	21.0	9.5	〃	〃	〃	〃	〃	〃
MPE□□1000□1840000□□□□	0.18	〃	22.0	10.5	〃	〃	〃	〃	〃	〃
MPE□□1000□2040000□□□□	0.20	〃	22.5	11.0	〃	〃	〃	〃	〃	〃
MPE□□1000□2240000□□□□	0.22	〃	23.0	11.5	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-1250V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□1250□1020000□□□□	0.0010	18.5	9.0	5.5	15.0	7.5	B	15.0	A	0.6
MPE□□1250□1120000□□□□	0.0011	〃	9.5	6.0	〃	〃	〃	〃	〃	〃
MPE□□1250□1220000□□□□	0.0012	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□1320000□□□□	0.0013	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□1520000□□□□	0.0015	〃	10.0	6.5	〃	〃	〃	〃	〃	〃
MPE□□1250□1620000□□□□	0.0016	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□1820000□□□□	0.0018	〃	10.5	7.0	〃	〃	〃	〃	〃	〃
MPE□□1250□2020000□□□□	0.0020	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□2220000□□□□	0.0022	〃	11.0	7.5	〃	〃	〃	〃	〃	〃
MPE□□1250□2420000□□□□	0.0024	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□2720000□□□□	0.0027	〃	9.0	5.5	〃	〃	〃	〃	〃	〃
MPE□□1250□3020000□□□□	0.0030	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□3320000□□□□	0.0033	〃	〃	6.0	〃	〃	〃	〃	〃	〃
MPE□□1250□3620000□□□□	0.0036	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□3920000□□□□	0.0039	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□4320000□□□□	0.0043	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□4720000□□□□	0.0047	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□5120000□□□□	0.0051	〃	11.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□5620000□□□□	0.0056	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□6220000□□□□	0.0062	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□6820000□□□□	0.0068	〃	10.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□7520000□□□□	0.0075	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□8220000□□□□	0.0082	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□9120000□□□□	0.0091	〃	11.5	6.5	〃	〃	〃	〃	〃	0.8
MPE□□1250□1030000□□□□	0.010	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□1130000□□□□	0.011	〃	12.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□1230000□□□□	0.012	〃	〃	7.0	〃	〃	〃	〃	〃	〃
MPE□□1250□1330000□□□□	0.013	〃	12.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□1530000□□□□	0.015	〃	13.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□1630000□□□□	0.016	〃	〃	8.0	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-1250V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□1250□1830000□□□□	0.018	23.5	12.0	7.0	20.0	15.0	B	20.0	A	0.8
MPE□□1250□2030000□□□□	0.020	〃	12.5	7.5	〃	〃	〃	〃	〃	〃
MPE□□1250□2230000□□□□	0.022	〃	13.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□2430000□□□□	0.024	〃	〃	8.0	〃	〃	〃	〃	〃	〃
MPE□□1250□2730000□□□□	0.027	〃	15.5	7.0	〃	〃	〃	〃	〃	〃
MPE□□1250□3030000□□□□	0.030	〃	16.0	7.5	〃	〃	〃	〃	〃	〃
MPE□□1250□3330000□□□□	0.033	〃	〃	8.0	〃	〃	〃	〃	〃	〃
MPE□□1250□3630000□□□□	0.036	〃	16.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□3930000□□□□	0.039	〃	〃	8.5	〃	〃	〃	〃	〃	〃
MPE□□1250□4330000□□□□	0.043	〃	19.5	8.0	〃	〃	〃	〃	〃	〃
MPE□□1250□4730000□□□□	0.047	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□5130000□□□□	0.051	〃	20.0	8.5	〃	〃	〃	〃	〃	〃
MPE□□1250□5630000□□□□	0.056	28.5	19.0	7.5	25.0	〃	〃	25.0	〃	〃
MPE□□1250□6230000□□□□	0.062	〃	19.5	8.0	〃	〃	〃	〃	〃	〃
MPE□□1250□6830000□□□□	0.068	〃	21.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□7530000□□□□	0.075	〃	21.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1250□8230000□□□□	0.082	〃	〃	8.5	〃	〃	〃	〃	〃	〃
MPE□□1250□9130000□□□□	0.091	〃	22.0	9.0	〃	〃	〃	〃	〃	〃
MPE□□1250□1040000□□□□	0.10	〃	22.5	9.5	〃	〃	〃	〃	〃	〃
MPE□□1250□1140000□□□□	0.11	〃	23.0	10.0	〃	〃	〃	〃	〃	〃
MPE□□1250□1240000□□□□	0.12	〃	23.5	10.5	〃	〃	〃	〃	〃	〃
MPE□□1250□1340000□□□□	0.13	〃	24.0	11.0	〃	〃	〃	〃	〃	〃
MPE□□1250□1540000□□□□	0.15	〃	24.5	11.5	〃	〃	〃	〃	〃	〃
MPE□□1250□1640000□□□□	0.16	〃	25.0	12.0	〃	〃	〃	〃	〃	〃
MPE□□1250□1840000□□□□	0.18	〃	26.0	13.0	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-1600V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□1600□1020000□□□□	0.0010	18.5	9.0	5.5	15.0	7.5	B	15.0	A	0.6
MPE□□1600□1120000□□□□	0.0011	〃	9.5	6.0	〃	〃	〃	〃	〃	〃
MPE□□1600□1220000□□□□	0.0012	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□1320000□□□□	0.0013	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□1520000□□□□	0.0015	〃	10.0	6.5	〃	〃	〃	〃	〃	〃
MPE□□1600□1620000□□□□	0.0016	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□1820000□□□□	0.0018	〃	10.5	7.0	〃	〃	〃	〃	〃	〃
MPE□□1600□2020000□□□□	0.0020	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□2220000□□□□	0.0022	〃	11.0	7.5	〃	〃	〃	〃	〃	〃
MPE□□1600□2420000□□□□	0.0024	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□2720000□□□□	0.0027	〃	9.0	5.5	〃	〃	〃	〃	〃	〃
MPE□□1600□3020000□□□□	0.0030	〃	9.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□3320000□□□□	0.0033	〃	〃	6.0	〃	〃	〃	〃	〃	〃
MPE□□1600□3620000□□□□	0.0036	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□3920000□□□□	0.0039	〃	11.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□4320000□□□□	0.0043	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□4720000□□□□	0.0047	〃	〃	〃	〃	〃	〃	〃	〃	0.8
MPE□□1600□5120000□□□□	0.0051	〃	11.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□5620000□□□□	0.0056	〃	〃	6.5	〃	〃	〃	〃	〃	〃
MPE□□1600□6220000□□□□	0.0062	〃	12.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□6820000□□□□	0.0068	〃	〃	7.0	〃	〃	〃	〃	〃	〃
MPE□□1600□7520000□□□□	0.0075	〃	12.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□8220000□□□□	0.0082	〃	〃	7.5	〃	〃	〃	〃	〃	〃
MPE□□1600□9120000□□□□	0.0091	〃	13.0	〃	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

MPE,MPEF,MPEC-1600V.DC

Parts No.	Capacitance (μF)	Dimensions (mm)								
		W	H	T	P	F		F		φd
MPE□□1600□1030000□□□□	0.010	23.5	12.5	7.5	20.0	15.0	B	20.0	A	0.8
MPE□□1600□1130000□□□□	0.011	〃	13.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□1230000□□□□	0.012	〃	〃	8.0	〃	〃	〃	〃	〃	〃
MPE□□1600□1330000□□□□	0.013	〃	13.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□1530000□□□□	0.015	〃	15.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□1630000□□□□	0.016	〃	〃	8.5	〃	〃	〃	〃	〃	〃
MPE□□1600□1830000□□□□	0.018	〃	16.5	8.0	〃	〃	〃	〃	〃	〃
MPE□□1600□2030000□□□□	0.020	〃	17.0	8.5	〃	〃	〃	〃	〃	〃
MPE□□1600□2230000□□□□	0.022	28.5	15.0	8.0	25.0	〃	〃	25.0	〃	〃
MPE□□1600□2430000□□□□	0.024	〃	15.5	8.5	〃	〃	〃	〃	〃	〃
MPE□□1600□2730000□□□□	0.027	〃	17.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□3030000□□□□	0.030	〃	18.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□3330000□□□□	0.033	〃	20.0	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□3630000□□□□	0.036	〃	〃	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□3930000□□□□	0.039	〃	21.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□4330000□□□□	0.043	〃	22.0	9.0	〃	〃	〃	〃	〃	〃
MPE□□1600□4730000□□□□	0.047	〃	22.5	9.5	〃	〃	〃	〃	〃	〃
MPE□□1600□5130000□□□□	0.051	〃	23.0	10.0	〃	〃	〃	〃	〃	〃
MPE□□1600□5630000□□□□	0.056	〃	23.5	〃	〃	〃	〃	〃	〃	〃
MPE□□1600□6230000□□□□	0.062	〃	24.0	11.0	〃	〃	〃	〃	〃	〃
MPE□□1600□6830000□□□□	0.068	〃	24.5	11.5	〃	〃	〃	〃	〃	〃
MPE□□1600□7530000□□□□	0.075	〃	25.0	12.0	〃	〃	〃	〃	〃	〃
MPE□□1600□8230000□□□□	0.082	〃	25.5	12.5	〃	〃	〃	〃	〃	〃
MPE□□1600□9130000□□□□	0.091	〃	26.5	13.0	〃	〃	〃	〃	〃	〃
MPE□□1600□1040000□□□□	0.10	〃	27.0	14.0	〃	〃	〃	〃	〃	〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

SPECIFICATION OF TAPING FOR AUTOMATIC INSERTION (Type MPEV)

1. SCOPE

This specification applies to the taping dimensions and performance required for film capacitors used in the automatic radial insertion system.

Style of packing : Ammo pack

2. TAPING DIMENSIONS

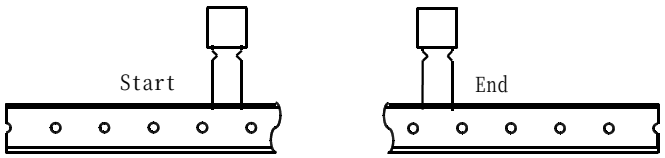
Type	Taping style / Rated voltage	STYLE-2	STYLE-3	STYLE-5	STYLE-6
MPEV	250V.DC	103～913	103～334	103～913	104～105
	315V.DC	103～913	103～224	103～913	104～564
	400V.DC	103～913	103～274	103～913	104～364
	450V.DC	103～913	103～274	103～913	104～364
	630V.DC	103～303	103～563	103～303	333～204
	800V.DC	—	102～303	—	102～104
	1000V.DC	—	102～303	—	102～104
	1250V.DC	—	102～163	—	102～513
	1600V.DC	—	102～912	—	102～203

3. TAPING PERFORMANCE (to be satisfied with the following point)

3-1. Appearance : To be no damages or cracks on components and the tape.

3-2. Missing components : A maximum of 3 consecutive components may be missing.

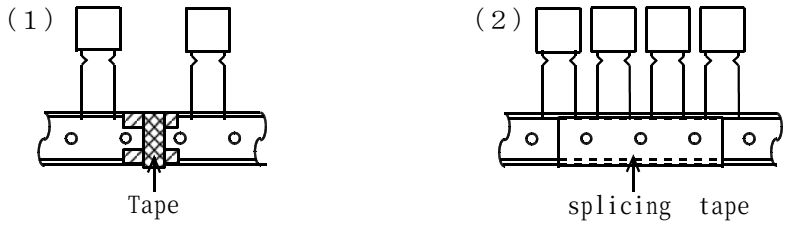
3-3. Tip of the tape : To leave the blank tape more than 4.5 feed hole pitch from the start, and the end of the tape.



3-4. Tape splicing : Tape splicing may be done with (1) or (2).

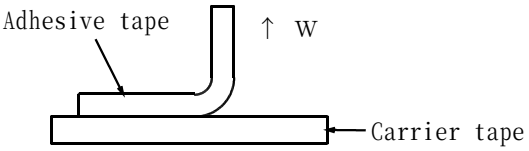
(1) The carrier tape (include hold-down tape) shall be cut at the center of hole and hole, and spliced with tape.

(2) The carrier tape (include hold down tape) shall be cut at the center of hole, and spliced with splicing tape.

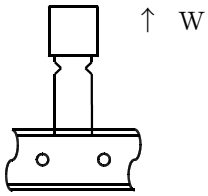


SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

3-5. Adhesive strength : When pulling an adhesive tape in W direction (upward) using a push-and-pull scale, adhesive strenght shall be 3N or more



3-6. Tensile test : When pulling a test sample by the force 10N, there shall be no gaps or breakdowns.



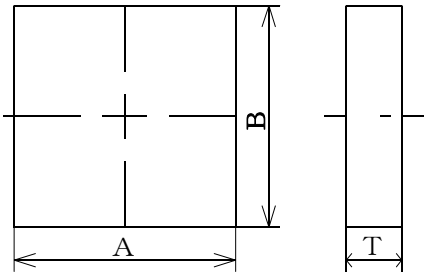
3-7. Moisture resistance : A taped test sample shall be left in a chamber with a temperature of 40℃ and RH95% for 96 hours. Then after being left for one hour at room temperature the test sample shall be submitted to a tensile test of item 3.6.

3-8. Temperature cycling test : A test sample shall be submitted to 5 cycles of temperature cycling test.

One cycle consists of : 2 hours at −40℃
2 hours at +85℃

Then after being left for one hour at room temperature, the test sample shall be submitted to a tensile test of item 3.6.

4. BOX DIMENSIONS



(Unit : mm)

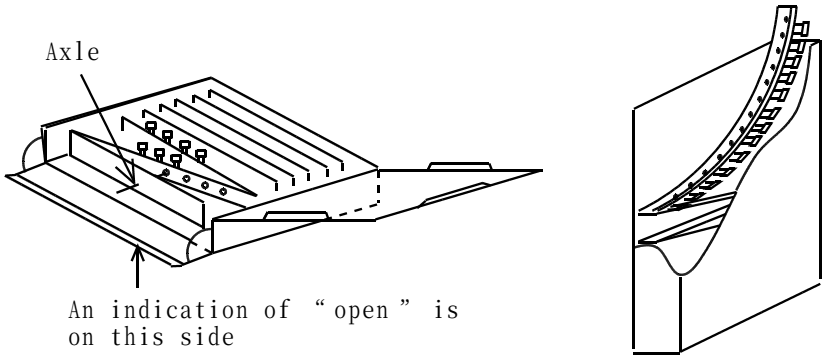
Type	A	B	T
c	330±7	330±7	45±5
d	330±7	330±7	50±5
e	330±7	330±7	55±5

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

5. STYLE OF PACKING (Ammo pack)

5-1.Packaging

* Fold the tape in the cardboard box, with hold-down tepe turning up against an outlet opening.
* Thread the feed hole with a axle and fix the tape.



5-2.Marking

The following particulars shall be labelled on the surface of a box.

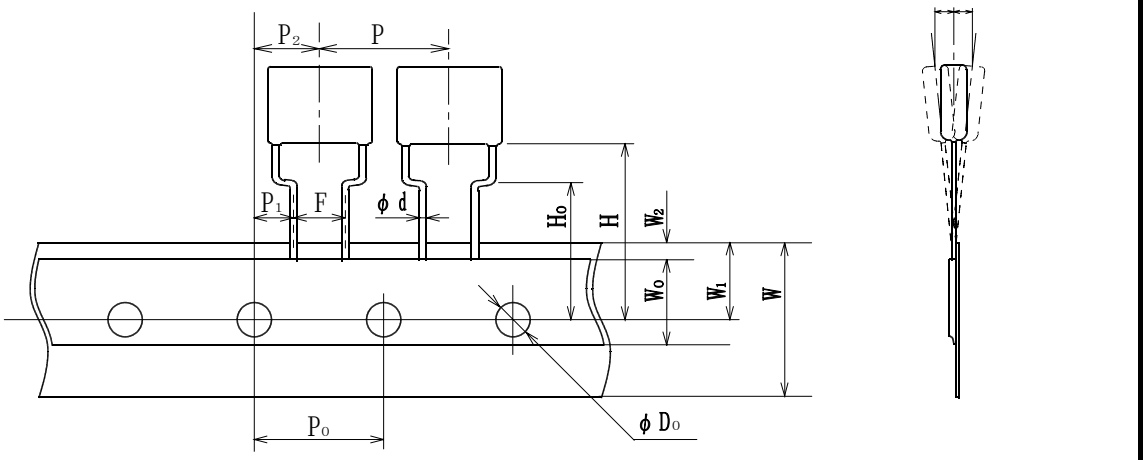
Example)

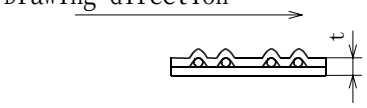
CODE CUSTOMER ①						INSP DATE ②	PKG NO
PARTS NO ③						MACH NO ④	QTY/PKG
ORDER NO ⑤			LOT NO ⑥		ROHS		⑦
TYPE ⑧		WV ⑨	TOL ⑩	CAP ⑪	EDP CODE ⑫		QT (PCS) ⑬

①CODE CUSTOMER ④MACH NO ⑦PRODUCTION COUNTRY ⑩TOL(%)
②INSP DATE ⑤ORDER NO ⑧TYPE ⑪CAP
③PARTS NO ⑥LOT NO ⑨W V ⑫EDP CODE
⑬QT(PCS)

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Type ＭＰＥＶ	103 ～ 913	250V.DC
ＳＴＹＬＥ－２	103 ～ 913	315V.DC
（Ｄ２００）	103 ～ 913	400V.DC
	103 ～ 913	450V.DC
	103 ～ 303	630V.DC





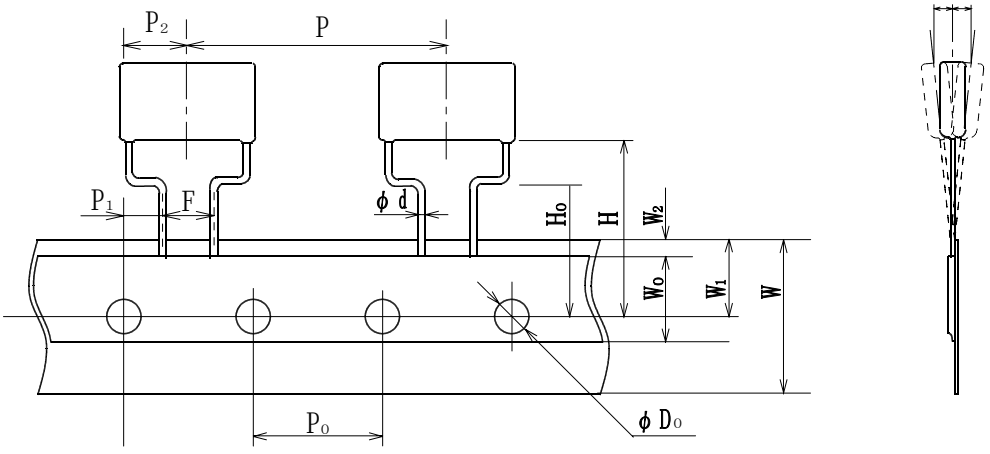
(Unit : mm)

P	P0	(1) P1	P2	φ d	(1) F	(2) Δ h	W	W0	W1	(3) W2	H	(1) H0	φD0	t
15.0	15.0	5.0	7.5	0.6 or 0.8	5.0	0	18.0	≧5.0	9.0	3.0 Max	22.0 Max	16.0	4.0	0.7
±1.0	±0.3	±0.7	±1.3	±0.05	$^{+0.8}_{-0.2}$	±2.0	$^{+1.0}_{-0.5}$	—	±0.5	—	—	±0.5	±0.2	±0.2

（1）To be measured under the clinch-position.
（2）To be measured the top of component.
（3）Hold-down tape is not to exceed over the carrier tape.

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Type ＭＰＥＶ	103 ～ 334	250V.DC	103 ～ 274	450V.DC	102 ～ 303	1000V.DC
ＳＴＹＬＥ－３	103 ～ 224	315V.DC	103 ～ 563	630V.DC	102 ～ 163	1250V.DC
（Ｄ２１０）	103 ～ 274	400V.DC	102 ～ 303	800V.DC	102 ～ 912	1600V.DC



(Unit : mm)

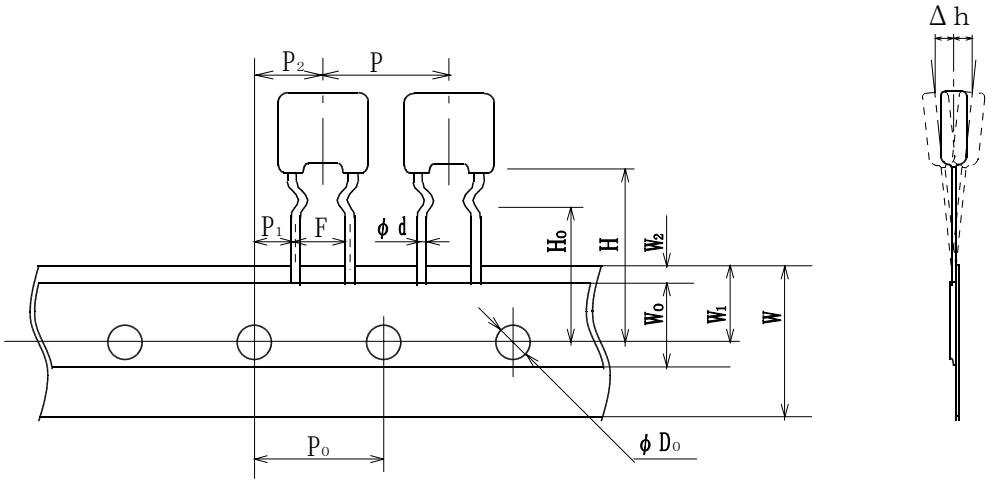
P	P0	(1) P1	P2	φd	(1) F	(2) Δh	W	W0	W1	(3) W2	H	(1) H0	φD0	t
25.4	12.7	3.85	6.35	0.6 or 0.8	5.0	0	18.0	≧5.0	9.0	3.0 Max	22.0 Max	16.0	4.0	0.7
±1.0	±0.3	±0.7	±1.3	±0.05	$^{+0.8}_{-0.2}$	±2.0	$^{+1.0}_{-0.5}$	—	±0.5	—	—	±0.5	±0.2	±0.2

(1) To be measured under the clinch-position.
(2) To be measured the top of component.
(3) Hold-down tape is not to exceed over the carrier tape.

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Type ＭＰＥＶ
ＳＴＹＬＥ－５
（０２００）

103 ～ 913	250V.DC
103 ～ 913	315V.DC
103 ～ 913	400V.DC
103 ～ 913	450V.DC
103 ～ 303	630V.DC



Drawing direction

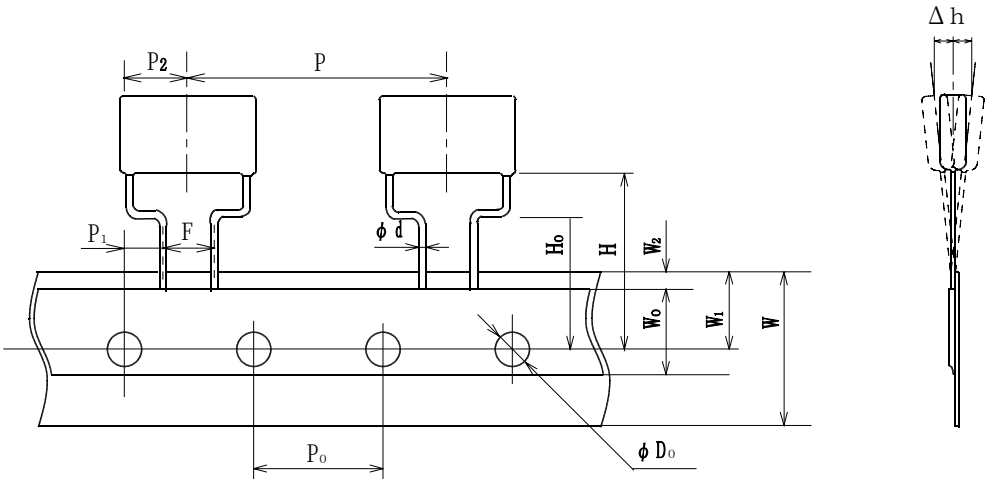
(Unit : mm)

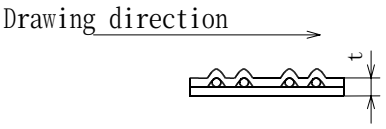
P	P0	(1) P1	P2	φ d	(1) F	(2) Δ h	W	W0	W1	(3) W2	H	(1) H0	φD0	t
15.0	15.0	3.75	7.5	0.6 or 0.8	7.5	0	18.0	≧5.0	9.0	3.0 Max	22.0 Max	16.0	4.0	0.7
±1.0	±0.3	±0.7	±1.3	±0.05	$^{+0.8}_{-0.2}$	±2.0	$^{+1.0}_{-0.5}$	—	±0.5	—	—	±0.5	±0.2	±0.2

（１）To be measured under the clinch-position.
（２）To be measured the top of component.
（３）Hold-down tape is not to exceed over the carrier tape.

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Type MPEV	104 ～ 105	250V.DC	104 ～ 364	450V.DC	102 ～ 104	1000V.DC
STYLE－6	104 ～ 564	315V.DC	333 ～ 204	630V.DC	102 ～ 513	1250V.DC
（0200）	104 ～ 364	400V.DC	102 ～ 104	800V.DC	102 ～ 203	1600V.DC





(Unit : mm)

P	P0	(1) P1	P2	φ d	(1) F	(2) Δ h	W	W0	W1	(3) W2	H	(1) H0	φD0	t
30.0	15.0	3.75	7.5	0.6 or 0.8	7.5	0	18.0	≧5.0	9.0	3.0 Max	22.0 Max	16.0	4.0	0.7
±1.0	±0.3	±0.7	±1.3	±0.05	$^{+0.8}_{-0.2}$	±2.0	$^{+1.0}_{-0.5}$	—	±0.5	—	—	±0.5	±0.2	±0.2

（1）To be measured under the clinch-position.
（2）To be measured the top of component.
（3）Hold-down tape is not to exceed over the carrier tape.

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Packing quantity

MPEV-250V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity				Capacitance (μF)	Standard quantity
	STYLE-2	STYLE-3	STYLE-5	STYLE-6		STYLE-6
0.010	1,000	500	1,000		0.47	400
0.011	〃	〃	〃		0.51	〃
0.012	〃	〃	〃		0.56	〃
0.013	〃	〃	〃		0.62	〃
0.015	〃	〃	〃		0.68	300
0.016	〃	〃	〃		0.75	〃
0.018	〃	〃	〃		0.82	〃
0.020	〃	〃	〃		0.91	〃
0.022	〃	〃	〃		1.0	〃
0.024	〃	〃	〃			
0.027	〃	〃	〃			
0.030	500	400	500			
0.033	1,000	500	1,000			
0.036	〃	〃	〃			
0.039	〃	〃	〃			
0.043	〃	〃	〃			
0.047	〃	〃	〃			
0.051	〃	〃	〃			
0.056	〃	〃	〃			
0.062	〃	〃	〃			
0.068	〃	〃	〃			
0.075	〃	〃	〃			
0.082	500	400	500			
0.091	〃	〃	〃			
0.10		500		400		
0.11		〃		〃		
0.12		〃		〃		
0.13		400		〃		
0.15		〃		〃		
0.16		〃		300		
0.18		500		500		
0.20		〃		400		
0.22		〃		〃		
0.24		〃		〃		
0.27		〃		〃		
0.30		400		〃		
0.33		〃		〃		
0.36				300		
0.39				〃		
0.43				〃		

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Packing quantity

MPEV-315V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity				Capacitance (μF)	Standard quantity
	STYLE-2	STYLE-3	STYLE-5	STYLE-6		STYLE-6
0.010	1,000	500	1,000		0.47	300
0.011	〃	〃	〃		0.51	〃
0.012	〃	〃	〃		0.56	〃
0.013	〃	〃	〃			
0.015	〃	〃	〃			
0.016	〃	〃	〃			
0.018	〃	〃	〃			
0.020	〃	〃	〃			
0.022	〃	〃	〃			
0.024	〃	〃	〃			
0.027	〃	〃	〃			
0.030	500	400	500			
0.033	1,000	500	1,000			
0.036	〃	〃	〃			
0.039	〃	〃	〃			
0.043	〃	〃	〃			
0.047	〃	〃	〃			
0.051	〃	〃	〃			
0.056	〃	〃	〃			
0.062	〃	〃	〃			
0.068	〃	〃	〃			
0.075	〃	〃	〃			
0.082	500	400	500			
0.091	〃	〃	〃			
0.10		500		400		
0.11		〃		〃		
0.12		〃		〃		
0.13		400		〃		
0.15		〃		〃		
0.16		〃		300		
0.18		500		400		
0.20		400		〃		
0.22		〃		300		
0.24				〃		
0.27				〃		
0.30				〃		
0.33				〃		
0.36				〃		
0.39				〃		
0.43				〃		

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Packing quantity

MPEV-400V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity			
	STYLE-2	STYLE-3	STYLE-5	STYLE-6
0.010	1,000	500	1,000	
0.011	〃	〃	〃	
0.012	〃	〃	〃	
0.013	〃	〃	〃	
0.015	〃	〃	〃	
0.016	〃	〃	〃	
0.018	〃	〃	〃	
0.020	〃	〃	〃	
0.022	〃	〃	〃	
0.024	〃	〃	〃	
0.027	〃	〃	〃	
0.030	500	400	500	
0.033	1,000	500	1,000	
0.036	〃	〃	〃	
0.039	〃	〃	〃	
0.043	〃	〃	〃	
0.047	〃	〃	〃	
0.051	〃	〃	〃	
0.056	〃	〃	〃	
0.062	〃	〃	〃	
0.068	〃	〃	〃	
0.075	〃	〃	〃	
0.082	500	400	500	
0.091	〃	〃	〃	
0.10		500		400
0.11		〃		〃
0.12		〃		〃
0.13		400		〃
0.15		〃		〃
0.16		〃		300
0.18		500		400
0.20		〃		〃
0.22		400		〃
0.24		〃		〃
0.27		〃		300
0.30				〃
0.33				〃
0.36				〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Packing quantity

MPEV-450V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity			
	STYLE-2	STYLE-3	STYLE-5	STYLE-6
0.010	1,000	500	1,000	
0.011	〃	〃	〃	
0.012	〃	〃	〃	
0.013	〃	〃	〃	
0.015	〃	〃	〃	
0.016	〃	〃	〃	
0.018	〃	〃	〃	
0.020	〃	〃	〃	
0.022	〃	〃	〃	
0.024	〃	〃	〃	
0.027	〃	〃	〃	
0.030	500	400	500	
0.033	1,000	500	1,000	
0.036	〃	〃	〃	
0.039	〃	〃	〃	
0.043	〃	〃	〃	
0.047	〃	〃	〃	
0.051	〃	〃	〃	
0.056	〃	〃	〃	
0.062	〃	〃	〃	
0.068	〃	〃	〃	
0.075	〃	〃	〃	
0.082	500	400	500	
0.091	〃	〃	〃	
0.10		500		400
0.11		〃		〃
0.12		〃		〃
0.13		400		〃
0.15		〃		〃
0.16		〃		300
0.18		500		400
0.20		〃		〃
0.22		400		〃
0.24		〃		〃
0.27		〃		300
0.30				〃
0.33				〃
0.36				〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Packing quantity

MPEV-630V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity			
	STYLE-2	STYLE-3	STYLE-5	STYLE-6
0.010	1,000	500	1,000	
0.011	〃	〃	〃	
0.012	〃	〃	〃	
0.013	〃	〃	〃	
0.015	〃	〃	〃	
0.016	〃	〃	〃	
0.018	〃	〃	〃	
0.020	〃	〃	〃	
0.022	〃	〃	〃	
0.024	〃	〃	〃	
0.027	〃	〃	〃	
0.030	500	400	500	
0.033		500		400
0.036		〃		〃
0.039		〃		〃
0.043		〃		〃
0.047		〃		〃
0.051		400		〃
0.056		〃		〃
0.062				300
0.068				〃
0.075				〃
0.082				400
0.091				〃
0.10				300
0.11				〃
0.12				〃
0.13				〃
0.15				〃
0.16				〃
0.18				〃
0.20				〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Packing quantity

MPEV-800V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity	
	STYLE-3	STYLE-6
0.0010	500	500
0.0011	〃	〃
0.0012	〃	〃
0.0013	〃	〃
0.0015	〃	400
0.0016	〃	〃
0.0018	〃	〃
0.0020	〃	〃
0.0022	400	〃
0.0024	〃	〃
0.0027	500	500
0.0030	〃	〃
0.0033	〃	〃
0.0036	〃	〃
0.0039	〃	〃
0.0043	〃	〃
0.0047	〃	〃
0.0051	〃	〃
0.0056	〃	〃
0.0062	〃	〃
0.0068	〃	〃
0.0075	〃	〃
0.0082	〃	〃
0.0091	〃	〃
0.010	〃	〃
0.011	〃	〃
0.012	〃	〃
0.013	〃	〃
0.015	〃	〃
0.016	〃	〃
0.018	〃	〃
0.020	〃	〃
0.022	〃	〃
0.024	〃	400
0.027	〃	〃
0.030	〃	〃
0.033		〃
0.036		〃
0.039		〃
0.043		〃
0.047		〃
0.051		〃
0.056		〃
0.062		〃
0.068		〃
0.075		〃
0.082		〃
0.091		300
0.10		〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

Packing quantity

MPEV-1000V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity	
	STYLE-3	STYLE-6
0.0010	500	500
0.0011	〃	〃
0.0012	〃	〃
0.0013	〃	〃
0.0015	〃	400
0.0016	〃	〃
0.0018	〃	〃
0.0020	〃	〃
0.0022	400	〃
0.0024	〃	〃
0.0027	500	500
0.0030	〃	〃
0.0033	〃	〃
0.0036	〃	〃
0.0039	〃	〃
0.0043	〃	〃
0.0047	〃	〃
0.0051	〃	〃
0.0056	〃	〃
0.0062	〃	〃
0.0068	〃	〃
0.0075	〃	〃
0.0082	〃	〃
0.0091	〃	〃
0.010	〃	〃
0.011	〃	〃
0.012	〃	〃
0.013	〃	〃
0.015	〃	〃
0.016	〃	400
0.018	〃	〃
0.020	〃	〃
0.022	〃	〃
0.024	400	〃
0.027	〃	300
0.030	〃	〃
0.033		400
0.036		〃
0.039		〃
0.043		〃
0.047		〃
0.051		〃
0.056		300
0.062		〃
0.068		〃
0.075		〃
0.082		〃
0.091		〃
0.10		〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC3170000

Packing quantity

MPEV-1250V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity	
	STYLE-3	STYLE-6
0.0010	500	500
0.0011	〃	〃
0.0012	〃	〃
0.0013	〃	〃
0.0015	〃	400
0.0016	〃	〃
0.0018	〃	〃
0.0020	〃	〃
0.0022	400	〃
0.0024	〃	〃
0.0027	500	500
0.0030	〃	〃
0.0033	〃	〃
0.0036	〃	〃
0.0039	〃	〃
0.0043	〃	〃
0.0047	〃	〃
0.0051	〃	〃
0.0056	〃	〃
0.0062	〃	〃
0.0068	〃	〃
0.0075	〃	〃
0.0082	〃	〃
0.0091	〃	400
0.010	〃	〃
0.011	〃	〃
0.012	〃	〃
0.013	〃	〃
0.015	400	〃
0.016	〃	300
0.018		400
0.020		〃
0.022		〃
0.024		300
0.027		400
0.030		〃
0.033		300
0.036		〃
0.039		〃
0.043		〃
0.047		〃
0.051		〃

SPECIFICATION	METALLIZED POLYPROPYLENE FILM CAPACITOR	SPEC № PSC317000

Packing quantity

MPEV-1600V.DC (Unit : pcs)

Capacitance (μF)	Standard quantity	
	STYLE-3	STYLE-6
0.0010	500	500
0.0011	〃	〃
0.0012	〃	〃
0.0013	〃	〃
0.0015	〃	400
0.0016	〃	〃
0.0018	〃	〃
0.0020	〃	〃
0.0022	400	〃
0.0024	〃	〃
0.0027	500	500
0.0030	〃	〃
0.0033	〃	〃
0.0036	〃	〃
0.0039	〃	〃
0.0043	〃	〃
0.0047	〃	〃
0.0051	〃	〃
0.0056	〃	400
0.0062	〃	〃
0.0068	〃	〃
0.0075	〃	〃
0.0082	〃	〃
0.0091	〃	〃
0.010		〃
0.011		〃
0.012		300
0.013		〃
0.015		〃
0.016		〃
0.018		〃
0.020		〃

When using a capacitor, please use one within the range of the specified values in the specification after checking the environments of using and mounting.
If used beyond the range specified in the specification or the attached cautions, it may lead to short circuit, open, smoking and firing.
Be sure to inquire of us as to the items which are not specified in the specification or are unclear to you.
Also, in case of using capacitors for such equipment or apparatus as may possibly affect human lives like life-support systems, aircraft and automotive control system, etc., please never fail to inquire of us as to further details.

1. Operating temperature and humidity

(1) In actual use, make sure that the operating temperature is within the range specified in the specification.
(2) Even if the operating temperature is within the specified range, sudden change in the operating temperature may lead to cracks on the enclosure and result in deterioration of the insulation resistance or the increase in tangent of loss angle by absorbing moisture through cracks on the enclosure. Please take good care of the operating temperature.
(3) Please avoid using a capacitor in high humidity which may lead to the condensation as much as possible.
Even if there are no cracks or damage on an enclosure, deterioration of the insulation resistance or the increase in tangent of loss angle, etc. may be caused by absorbing moisture. Therefore, please be careful when using a capacitor.

2. When using a capacitor in a circuit except a d.c. one

When using a capacitor in a circuit except a d.c. one, a capacitor shall be used below the permissible current to frequency.
When used beyond the specified values, the capacitor surface temperature may rise due to the occurrence of corona charge or self heat generation of a capacitor and it may result in a short life, the destruction of the dielectric or the lowering of the insulation resistance.
At worst smoking or firing may be led.

3. Soldering

When soldering a capacitor, heat in soldering is conducted to the inside of the capacitor through lead wires and an enclosure.
Therefore soldering at high temperature and for hours may cause deterioration of characteristics or breakdown of a capacitor.
Be sure to solder a capacitor within the range specified in the specification when soldering.
In case of soldering beyond the range recommended by us, please inquire of us as to the details in advance.
(1) Avoid soldering over again in a short time.
When dipping again in order to correct, dipping must be applied after the temperature of a capacitor comes down to a room temperature and within twice.
(2) Avoid any work that puts the stress on lead wires of a capacitor such as correction of the position right after soldering.
(3) When soldering with a soldering iron, please see to it lest a soldering iron should touch the body of a capacitor directly.

4. Mounting

(1) When inserting a lead wire into the printed circuit board, the stress put on a lead wire shall be within the following range.

① Bending of lead wire

When bending a lead wire vertically and then restoring straight, bending of a lead wire in the same place shall be less than two cycles. (One cycle -- bending at 90° and restoring straight)

② Twisting of lead wire

Twisting of a lead wire should be carried out within a turn (a 360° turn) in total.

③ Pulling of lead wire

The load in pulling of a lead wire shall be less than 20N.

In case that the above stress is combined together, the value in application should be set less than half of each value.

(2) When mounting a capacitor by force owing to the difference of the space between lead wires of a capacitor from the space between the holes on the printed circuit board, be careful. It may cause breakage of a lead wire or cracks on coating resin.

(3) When mounting a capacitor of large size or a capacitor on the equipment affected by vibrations, fix the body of a capacitor with resin etc. which has no effect on a capacitor. However, resin used for fixing shall be a flame retardant and minimum.

(4) Mount a capacitor lest it should touch other parts.

Especially in case of touching a part with self heat generation, a capacitor may deteriorate due to heat and short circuit may be easily caused owing to lowering of dielectric strength or deterioration of the insulation resistance, etc..

5. Cleaning

(1) When using the solvents for cleaning, use alcohol derivative cleaning solvents (isopropyl alcohol, etc).

(2) Since a small amount of ingredient contained in flux may lead to corrosion of terminations of the capacitor or chemical change of the capacitor element, be sure to clean a printed circuit board right after soldering.

(3) The temperature for drying after cleaning shall be less than the maximum operating temperature.

(4) When cleaning with solvents but alcohol derivatives, please inquire of us in advance.

6. Storing and waste

(1) Store under the conditions not exceeding -10 ℃～+40 ℃, 75%RH in the room and avoid storing in the place filled with a sudden change in the temperature, the direct sunlight or corrosive gases (hydrogen sulfide, sulfurous acid, chlorine and ammonia, etc.).

(2) A long-term storage may cause deterioration of characteristics of a capacitor due to absorbing moisture little by little.

Therefore, be sure to use after checking its characteristics and solderability if stored for over one year.

(3) As capacitors are classified into industrial waste, please ask experts to dispose of them.

7. The others

Please refer to "Guideline of notabilia for fixed plastic film capacitors for use in electronic equipment" published by Electronic Industries Association of Japan (EIAJ RCR-2350) unless specified in the specification.