MARKING		COUNT	DESCRIPTION O	OF REVISIONS	BY	CHKD	DATE		COU	ιτ DES	CRIPTION OF RE	VISIONS	BY	CHKE	D,	ATE
RATING CUTAGE AC 50 V THE REMAINS RELATIVE HUMBETY 87% MAX PRICE RANGE REMAINS WOLTAGE AC 50 V OPERATING HUMBETY 87% MAX PRICE REMAINS RELATIVE HUMBETY 87% MAX PRICE	Θ							Q	ļ	<u> </u>			<u> </u>			
RATING CUTAGE AC 50 V THE REMAINS RELATIVE HUMBETY 87% MAX PRICE RANGE REMAINS WOLTAGE AC 50 V OPERATING HUMBETY 87% MAX PRICE REMAINS RELATIVE HUMBETY 87% MAX PRICE	$\frac{1}{2}$		71011074110	455	<u> </u>		· · ·	\triangle	<u> </u>	J			<u> </u>			
TEMPERATURE RANGE AC 50 V ORATING CURRENT O 3 A SPECIFICATIONS ITEM TEST METHOD TEST METHOD TEST METHOD TEST METHOD TOTAL CONSTRUCTION GENERAL EXAMINATION MISUALIZAND BY MEASURING INSTRUMENT CONFORMED VISUALIZAND CONFORMED VISUALIZAND GENERAL EXAMINATION MISUALIZAND BY MEASURING INSTRUMENT CONTROL CHARACTERISTICS CONTACT RESISTANCE INSULATION RESISTANCE INDURING RESISTANCE INSULATION RES																
RATING VOLTAGE AC 50 V OPERATINO HANDOT PRANCE PS 95 MAX SPECIFICATIONS ITEM TEST METHOD REQUIREMENT QTAI GENERAL EXAMINATION USUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING X X X X X X X X X X X X X X X X X X X			i e	3 -55 °C TO 85 °C						STORAGE TEMPERATURE -10 °C TO 60 °					o°C	
CURRENT SPECIFICATIONS ITEM TEST METHOD REQUIREMENT OTAL OCONSTRUCTION SENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT CONSTRUCTION CONSTRUCTION VISUALLY AND BY MEASURING INSTRUMENT CONFIRMED VISUALLY ELECTRICAL CHARACTERISTICS CONTACT RESISTANCE IOO MAD (DO R) 100 MD (DO	RATING VOLTAGE									OPERATING HUMIDITY RELATIVE HUMIDITY .				ITY . 95	5 % MAX	
SPECIFICATIONS ITEM TEST METHOD REQUIREMENT OTAL CONSTRUCTION GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING X X X RECTRICAL CHARACTERISTICS COMPACT RESISTANCE 100 V DC. 100 Mg Mg. 100 Mg.										* ,						
TESM TEST METHOD REQUIREMENT QTATE CONSTRUCTION GENERAL EXAMINATION VISUALLY AND BY MEASURING INSTRUMENT. ACCORDING TO DRAWING X X X X ELECTRICAL CHARACTERISTICS CONTACT RESISTANCE 100 mA (DC 007 1000 Mz). 60 ms Max. X X X X X X X X X X X X X X X X X X X									NS.		L	··				
CONSTRUCTION GENERAL EXAMINATION SIJUALLY AND BY MEASURING INSTRUMENT ACCORDING TO DRAWING X X X X X X X X X															Тот	TAI
MARKING CONFIRMED VISUALLY. ELECTRICAL CHARACTERISTICS CONTACT RESISTANCE 100 Ma (DC OR 1000 Hz). 100 Mg Min NO FLASHOVER OR BREAKDOWN X X X NSULTION RESISTANCE 100 V DC. NO LASHOVER OR BREAKDOWN X X X MECHANICAL CHARACTERISTICS INSERTION AND WITHDRAWAL FORCE NEEDERS OF 3 DIMES INSERTION AND EXTRACTIONS WITHDRAWAL FORCE AMPLITUDE 0.75 min. AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK A99 mis* DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOURD TIME 30- 2- 3-30-2- 3 sin. UNDER 5 CYCLES DRY HEAT EXPOSED AT 40 ±2 'C, 99-95 %, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TEMPERTURE UNDER 5 CYCLES DRY HEAT EXPOSED AT 85 'C, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TIME 30- 2- 3-30-2- 3 sin. UNDER 5 CYCLES DRY HEAT EXPOSED AT 85 'C, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TIME 30- 2- 3-30-2- 3 sin. UNDER 5 CYCLES DRY HEAT EXPOSED AT 85 'C, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TIME 30- 2- 3-30-2- 3 sin. UNDER 5 CYCLES DRY HEAT EXPOSED AT 85 'C, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TEMPERTURE UNDER 5 CYCLES DRY HEAT EXPOSED AT 85 'C, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TEMPERTURE UNDER 5 CYCLES TIME 30- 2- 3- 30- 2- 3 sin. UNDER 5 CYCLES SOLDARABILITY SOLDERED AT 85 'C, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TEMPERTURE EXPOSED AT 85 'C, 96 h. 11 CONTACT RESISTANCE 100 MIX MIX X - ARDID CHAGE OF TEMPERTURE EXPOSED AT 85 'C, 96 h. 12 CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. 12 CORROSION RESISTANCE TO MIX MIX MERCED MIX MERCED MIX	CO			······································											12.	1
ELECTRICAL CHARACTERISTICS CONTACT RESISTANCE ID MA (DC OR 1000 Hz) INSULATION RESISTANCE ID MA (DC OR 1000 Hz) INSULATION RESISTANCE ID WA (DC OR 1000 Hz) ID MA (DC OR 1000 Hz) IN NO FLASHOVER OR BREAKDOWN IN A TABLE FROM THE STILL STRICT OR MAX IN NO FLASHOVER OR BREAKDOWN IN THE MANUAL FORCE INSERTION FORCE SS 2 N MAX WITHDRAWAL FORCE INSERTION FORCE SS 2 N MAX WITHDRAWAL FORCE IN MAX IN WITHDRAWAL FORCE IN MAX IN WITHDRAWAL FORCE IN OP ART IN O DAMAGE, CRACK AND LOOSENESS OF PART IN SUBJECTIONS IN O DAMAGE, CRACK AND LOOSENESS OF PART IN SUBJECTIONS IN O DAMAGE, CRACK AND LOOSENESS OF PART IN SUBJECTIONS IN O DAMAGE, CRACK AND LOOSENESS OF PART IN SUBJECTIONS IN O DAMAGE, CRACK AND LOOSENESS OF PART IN SUBJECTIONS IN O DAMAGE, CRACK AND LOOSENESS OF PART IN SUBJECTION OF PULSE 11 ms AT 3 IN SUBJECTION OF	GEN	ERAL	EXAMINATION	VISUALLY AN	ID BY M	EASUR	ING INST	RUM	ENT	ACCC	ORDING TO DRAV	VING			X	X
COMTACT RESISTANCE 100 ms (DC OR 1900 Hz)																X
INSULATION RESISTANCE 100 V.D.C				TERISTICS												
WOLTAGE PROOF 150 V.A.C. FOR 1 min. MECHANICAL CHARACTERISTICS INSERTION AND WITHDRAWAL FORCES MEASURED BY APPLICABLE CONNECTOR. WITHDRAWAL FORCE: 2.3 N MIN MECHANICAL OPERATION SO TIMES INSERTION AND EXTRACTIONS. VIBRATION FREQUENCY: 10 TO 55 Hz, SIMGLE AMPLITUDE: 0.75 mm. — mis* AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 mis* DURATION OF PUSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 mis* DURATION OF PUSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90~95 %, 96 h. QUADRA FEAT EXPOSED AT 40±2 °C, 90~95 %, 96 h. QUADRA FEAT EXPOSED AT 40±2 °C, 90 h. DRY HEAT EXPOSED AT 40±2 °C, 90 h. COLD EXPOSED AT 55 °C, 96 h. CORROSION SALT MIST SULPHUR DIOXIDE EXPOSED AT 48 b. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C.0090) RESISTANCE TO SOLDERING HEAT OR PART: OR PART: OR PART: X — O				100 mA (DC OR 1000 Hz).						60 ms	60 mΩ MAX.				. 1	X
MECHANICAL CHARACTERISTICS INSERTION AND WITHDRAWAL FORCES MECHANICAL OPERATION MEASURED BY APPLICABLE CONNECTOR. WITHDRAWAL FORCES MECHANICAL OPERATION MEASURED BY APPLICABLE CONNECTOR. WITHDRAWAL FORCES MECHANICAL OPERATION MEASURED BY APPLICABLE CONNECTOR. WITHDRAWAL FORCES MECHANICAL OPERATION FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE 0 75 mm, — m/s² JND DAMAGE, CRACK AND LOOSENESS OF PART. JND GLECTRICAL DISCONTINUITY OF J us MIN JND GLECTRICAL DISCONTINUITY OF J us MIN JND GLECTRICAL DISCONTINUITY OF J us MIN JND CANAGE, CRACK AND LOOSENESS OF PART. WITHDRAWAL FORCE: 23 N MAX X — JND CANAGE, CRACK AND LOOSENESS OF PART. JND CANAGE, CRACK AND																_
MEASURED BY APPLICABLE CONNECTOR WITHDRAWAL FORCE: \$2.9 M MIX WITHDRAWAL FORCE: \$2.9 M MIX INCONTACT RESISTANCE: 70 m MIX MIX 2) NO DAMAGE: CRACK AND LOOSENESS OF PART. INDO ELECTRICAL DISCONTINUITY OF 1 u.s MIX 2) NO DAMAGE: CRACK AND LOOSENESS OF PART. INDO ELECTRICAL DISCONTINUITY OF 1 u.s MIX 2) NO DAMAGE: CRACK AND LOOSENESS OF PART. INDO ELECTRICAL DISCONTINUITY OF 1 u.s MIX 2) NO DAMAGE: CRACK AND LOOSENESS OF PART. INDO DAMAGE: CRACK AN										NO FI	LASHOVER OR BI	REAKDOV	۷N		<u> </u>	X
WITHDRAWAL FORCES MECHANICAL OPERATION SO TIMES INSERTION AND EXTRACTIONS 1 (CONTACT RESISTANCE: 70 m/c) MAX 2 (2) NO DAMAGE, CRACK AND LOOSENESS OF PART. VIBRATION FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75 mm, m/s² AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. SHOCK 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90~95 %, 96 h. (STEADY STATE) RAPID CHAGE OF TEMPERTURE: 55—15~35+95—15~35*0 TEMPERTURE UNDER 5 CYCLES DRY HEAT EXPOSED AT 40±2 °C, 90 m 95 %, 96 h. (UNDER 5 CYCLES DRY HEAT EXPOSED AT 40±2 °C, 90 m 96 h. (UNDER 5 CYCLES DRY HEAT EXPOSED AT 55 °C, 96 h. (COLD EXPOSED AT 55 °C, 96 h. (TEST STANDARD-LIS C 0090) RESISTANCE TO SOLDERING HEAT REPOSED IN 10 PPM FOR 96 h. (TEST STANDARD-LIS C 0090) RESISTANCE TO SOLDERING HEAT TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDRABILITY SOLDERED AT 50 CDER TEMPERATURE. 235 °C FOR IMMERSION DURATION, 2 s. SOLDRABILITY SOLDERED AT 50 CDER TEMPERATURE PROFILE 150°C 150°C 150°C 150°C SPECIFICATION SHEET NO PINHOLE OR DEWETTING ON SOLDERED X PERFORMANCE OF COMPONENT X — 100 PRAWIN DESIGNED CHECKED APPROVED RELEASED UNLESS OTERWISE SPECIFIED REFER TO JIS C 5402. TO SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) PRAWING NO CODE NO. (OLD)																
MECHANICAL OPERATION SO TIMES INSERTION AND EXTRACTIONS VIBRATION FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75 mm, m/s² AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 042 °C. 90-95 %, 96 h. (STEADY STATE) TIME 30- 2- 3-30-2- 3 min. DRY HEAT EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED AT 05 °C. 96 h. COLD EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE 153 TEAD MARD. IIS C 0990 (TEST STANDARD. IIS C 0990) TO BE	ı			MEASURED BY APPLICABLE CONNECTOR.											X	-
VIBRATION FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 0.75 mm, mis* AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 mis* DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT (SYCLES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS) DAMP HEAT (SYCLES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS) DAMP HEAT (STEADY STATE) (STEADY STATE) (STEADY STATE) TIME 3 FOR 3 DIRECTIONS. EXPOSED AT 40±2 **C, 90~95 **, 96 h. 1) CONTACT RESISTANCE: 70 mΩ MAX. 2) INSULATION RESISTANCE: 100 MM MIN. 3) IND DAMAGE, CRACK AND LOOSENESS TEMPERTURE UNDER 5 CYCLES. DRY HEAT EXPOSED AT 455 **C, 96 h. 1) CONTACT RESISTANCE: 70 mΩ MAX. 2) INSULATION RESISTANCE: 100 MM MIN. 3) IND DAMAGE, CRACK AND LOOSENESS OF PART. COLD EXPOSED AT 455 **C, 96 h. 2) INDO DAMAGE, CRACK AND LOOSENESS OF PART. CORROSION SALT MIST EXPOSED IN 10 PPM FOR 96 h. 2) INDO DAMAGE, CRACK AND LOOSENESS OF PART. CORROSION SALT MIST EXPOSED IN 10 PPM FOR 96 h. 2) INDO TACT RESISTANCE: 70 mΩ MAX. 3) INDO TACT RESISTANCE: 100 MAX. 3) INDO TACT RESISTANCE: 100 MAX. 3) INDO TACT RESISTANCE: 100 MAX.				50 TIMES INCEPTION AND EVERY OFFICE												┼
VIBRATION FREQUENCY: 10 TO 55 Hz, SINGLE AMPLITUDE: 075 mm, mis² 1 us MIN AT 10 CYCLES FOR 3 DIRECTIONS. SHOCK 490 mis² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90~95 %, 96 h. SITEMPERTURE: 55~15~35~85~15~35°C TEMPERTURE UNDER 5 CYCLES. EXPOSED AT 85 °C, 96 h. SULPHUR DIOXIDE EXPOSED AT 85 °C, 96 h. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) TO SOLDERING HEAT SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROPILE SOLDERING HEAT SOLDER AT SOLDER TEMPERATURE. DRAWN DESIGNED REFLOW RECOMMENDED TEMPERATURE PROPILE SOLDERING HEAT SOLDERED AT SOLDER TEMPERATURE. DRAWN DESIGNED CHECKED APPROVED RELEASED WILLESS OTERWISE SPECIFIED REFER TO JIS C 5402 TAX DEAL MIND AND ALL WATER SPECIFIED SHEET TO TO QUALIFICATION TEST AT ASSURANCE TEST X. APPLICABLE TEST PART NO FY ATIO. FX 11 Us MIN X — 1 Us MIN X — 1 Us MIN X — 2 (NO PART.	MECHANICAL OPERATION			THE SINSERTION AND EXTRACTIONS.						2) NO	2) NO DAMAGE, CRACK AND LOOSENESS					-
AMPLITUDE: 0.75 mm, m/s² AT 10 CYCLES FOR 3 DIRECTIONS SHOCK 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °°C, 90~95 %, 96 h. 2) INSULATION RESISTANCE: 70 mΩ MAX. 3) INDURATION RESISTANCE: 70 mΩ MAX. 4 minute industry	VIBE	RATIO	N	FREQUENCY: 10 TO 55 Hz SINCLE								CONTINU	ITY OF		 	╁
AT 10 CYCLES FOR 3 DIRECTIONS. 490 m/s* DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. AFO M/s* DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS. DAMP HEAT ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90~95 %, 96 h. 2) INCONTACT RESISTANCE: 70 mΩ MΩ MIN. RAPID CHAGE OF TEMPERTURE: 55-15~35~ 85-15~35°C TEMPERTURE TIME 300 ± 2° 3~30 → 2° 3 min. UNDER 5 CYCLES DRY HEAT EXPOSED AT 85 °C, 96 h. 1) CONTACT RESISTANCE: 70 mΩ MAX. 2) INSULATION RESISTANCE: 70 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART. COLD EXPOSED AT 85 °C, 96 h. 1) CONTACT RESISTANCE: 70 mΩ MAX. 3) NO DAMAGE, CRACK AND LOOSENESS OF PART. COLD EXPOSED AT 85 °C, 96 h. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART. COLD EXPOSED AT 85 °C, 96 h. 2) NO DAMAGE, CRACK AND LOOSENESS OF PART. NO HEAVY CORROSION. X - 48 h. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD JIS C 090) TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERING HEAT SOLDERED AT SOLDER TEMPERATURE, PROFILE 240°C 150°C 160°S) TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERED AT SOLDER TEMPERATURE, PROFILE 240°C 150°C 160°S) TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERED AT SOLDER THE ABOVE CONDITIONS SOLDERED AT A SOLDER THE ABOVE CONDITIONS			•	i ·												l_
SHOCK 490 m/s² DURATION OF PULSE 11 ms AT 3 TIMES FOR 3 DIRECTIONS ENVIRONMENTAL CHARACTERISTICS DAMP HEAT EXPOSED AT 40±2 °C, 90~95 %, 96 h. (STEADY STATE) RAPID CHAGE OF TEMPERTURE -55~15~35~85~15~35°C TIME 30~2~2~3~30~2~3 min. UNDER 5 CYCLES DRY HEAT EXPOSED AT 85 °C, 96 h. COLD EXPOSED AT -55 °C, 96 h. COLD EXPOSED AT -55 °C, 96 h. CORROSION SALT MIST EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD JIS C 0090) TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERING HEAT SOLDERING HEAT SOLDERING HEAT SOLDERING HEAT DRAWN DESIGNED CHECKED APPROVED TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE. 235 °C FOR IMMERSION DURATION. 2 s. SURFACE REMARKS DRAWN DESIGNED CHECKED APPROVED TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE DRAWN DESIGNED CHECKED APPROVED TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE THE ABOVE CONDITIONS SOLDERAGE THE ABOVE CONDITIONS SOLDERAGE THE ABOVE CONDITIONS SOLDERAGE TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE THE ABOVE CONDITIONS SOLDERAGE THE ABOVE CRACK AND LOOSENESS TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE THE ABOVE CRACK AND LOOSENESS TO BE TESTED UNDER THE ABOVE CONDITIONS TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAGE TO BE TESTED UNDER THE ABOVE CONDITIONS												CANDLO	OSENE	SS	^	1
TIMES FOR 3 DIRECTIONS. ENVIRONMENTAL CHARACTERISTICS DAMP HEAT (STEADY STATE) RAPID CHAGE OF TEMPERTURE -55-15~35-85-15~35-70 TIME 30-2-3-30-2-2-3 min. UNDER 5 CYCLES DRY HEAT EXPOSED AT 455 °C. 96 h. 1)CONTACT RESISTANCE: 100 MΩ MIN. 3)NO DAMAGE, CRACK AND LOOSENESS OF PART. DRY HEAT EXPOSED AT 55 °C. 96 h. 2)NO DAMAGE, CRACK AND LOOSENESS OF PART. CORROSION SALT MIST EXPOSED AT 55 °C. 96 h. 2)NO DAMAGE, CRACK AND LOOSENESS OF PART. OF PART. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. 1)CONTACT RESISTANCE: 70 mΩ MAX. X - 200 °C PART. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. 1)CONTACT RESISTANCE: 70 mΩ MAX. X - 200 °C PART. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. 1)CONTACT RESISTANCE: 70 mΩ MAX. X - 200 °C PART. TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERING HEAT TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERING HEAT DRAWN DESIGNED ON PINHOLE OR DEWETTING ON SOLDERED TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAD AT SOLDER THE ABOVE CONDITIONS TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAD AT SOLDER THE ABOVE CONDITIONS SOLDERAD AT SOLDER THE ABOVE CONDITIONS TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERAD AT SOLDER THE ABOVE CONDITIONS TO BE TESTED UNDER THE ABOVE CONDITIONS TO BE TESTED UNDE	SHO	CK						AT 3	<u> </u>	⊣ ′		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	302.12	00	X	+=
DAMP HEAT (STEADY STATE) RAPID CHAGE OF TEMPERTURE -55→15→35→ 85→15→35℃ TIME 30→ 2~3→30→2~3 min. UNDER 5 CYCLES DRY HEAT EXPOSED AT -55 ℃. 96 h. DRY HEAT EXPOSED AT -55 ℃. 96 h. SULPHUR DIOXIDE EXPOSED AT -55 ℃. 96 h. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.IS C 00090) RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE. 230℃ SOLDERING HEAT SOLDERED AT SOLDER TEMPERATURE. 235 ℃ FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CODE NO. (21) DRAWN DESIGNED CODE NO. (21) DRAWING NO. SPECIFICATION SHEET PART NO. FX1 LA - 92P - SV (21) PART NO. FX1 LA - 92P - SV (21) PART NO. FX1 LA - 92P - SV (21) PART NO. FX1 LA - 92P - SV (21)				1											^	
STEADY STATE	EN\	/IROI	MENTAL CH	ARACTERI	STICS	-									<u> </u>	-
RAPID CHAGE OF TEMPERTURE -55 → 15 ~ 35 → 85 → 15 ~ 35 ℃ TEMPERTURE UNDER 5 CYCLES DRY HEAT EXPOSED AT 55 ℃ 96 h. 1) CONTACT RESISTANCE 70 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS X → OF PART. COLD EXPOSED AT -55 ℃ 96 h. 1) CONTACT RESISTANCE 70 mΩ MAX. 2) NO DAMAGE, CRACK AND LOOSENESS X → OF PART. CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR NO HEAVY CORROSION. X → OF PART. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. 1) CONTACT RESISTANCE 70 mΩ MAX. X → OF PART. SULPHUR DIOXIDE (TEST STANDARD.JIS C 0090) 10 HEAVY CORROSION. X → OF PART. RESISTANCE TO SOLDERING HEAT PROFILE NO MELTING OF RESIN WHICH AFFECTS THE X → PERFORMANCE OF COMPONENT. SOLDERING HEAT SOLDER TEMPERATURE, 240 ℃ PERFORMANCE OF COMPONENT. SOLDERED AT SOLDER TEMPERATURE, 255 ℃ FOR IMMERSION DURATION, 2 s. SURFACE. DRAWN DESIGNED CHECKED APPROVED RELEASED TO JIS C 5402. 1 June 10 June	DAM	IP HE	AT							1)COI	1)CONTACT RESISTANCE: 70 mΩ MAX.					T-
TEMPERTURE TIME 30 - 2 ~ 3 - 30 - 2 ~ 3 min. UNDER 5 CYCLES. DRY HEAT EXPOSED AT 85 °C, 96 h. COLD EXPOSED AT 85 °C, 96 h. 21) CONTACT RESISTANCE 70 mΩ MAX. 21 NO DAMAGE, CRACK AND LOOSENESS X - OF PART. NO HEAVY CORROSION. X - ON HEAVY CORROSION. X - ON HEAVY CORROSION. RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROFILE 240°C 5 S MAX 200°C 150°C 160°S). 50°C 160°S). 10°C	(STE	ADY S	TATE)	, , , , ,						2)INS	ULATION RESISTA	ANCE: 100	O MΩ M	IIN.		
UNDER 5 CYCLES COLD EXPOSED AT 85 °C, 96 h. EXPOSED AT -55 °C 96 h. CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR 48 h. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) RESISTANCE TO SOLDERING HEAT SOLDERING HEAT SOLDERING HEAT SOLDERED AT SOLDER TEMPERATURE. 235 °C FOR IMMERSION DURATION, 2 s. SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE. DRAWN DESIGNED CHECKED APPROVED REFLAME APPROVED REFLAME DRAWN DESIGNED CHECKED APPROVED RELEASED UNLESS OTERWISE SPECIFIED. REFER TO JIS C 5402. NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) FX11LA - 92P - SV (21) CODE NO. (20L)	RAP	ID CH	IAGE OF	TEMPERTURE -55→15~35→ 85→15~35°C												
DRY HEAT EXPOSED AT 85 °C, 96 h. COLD EXPOSED AT -55 °C, 96 h. 2) NO DAMAGE, CRACK AND LOOSENESS X - OF PART. COLD CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR NO HEAVY CORROSION 48 h. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROFILE NO HEAVY CORROSION TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERING AT SOLDER TEMPERATURE. 240°C 5 S MAX 200°C 150°C	TEM	PERT	URE							OF PART.				X	-	
COLD EXPOSED AT -55 °C. 96 h. 2)NO DAMAGE, CRACK AND LOOSENESS OF PART. CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR NO HEAVY CORROSION. X — SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) RESISTANCE TO SOLDERING HEAT RESISTANCE TO SOLDERING HEAT RESISTANCE TO SOLDERED AT SOLDER TEMPERATURE, 240°C 5 S MAX 200°C 150°C 160°S) 60~90 S 220~30 S) TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED WHITE SPRAY FOR NO PINHOLE OR DEWETTING ON SOLDERED X — SURFACE. DRAWN DESIGNED CHECKED APPROVED RELEASED UNLESS OTERWISE SPECIFIED, REFER TO JIS C 5402 THE SPRAY OF THE SPRAY FOR AND PINHOLE OR DEWETTING ON SOLDERED X — SURFACE. DRAWN DESIGNED CHECKED APPROVED RELEASED WHITE SPRAY NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO. (CODE NO. 1																
CORROSION SALT MIST EXPOSED IN 5 % SALT WATER SPRAY FOR NO HEAVY CORROSION. A8 h. SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROFILE PERFORMANCE OF COMPONENT. TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDERED AT SOLDER TEMPERATURE. 235 °C FOR IMMERSION DURATION, 2 s. SURFACE. DRAWN DESIGNED CHECKED APPROVED RELEASED WALLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X APPLICABLE TEST PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWNIG NO. CODE NO. (CODE NO. (CODE)			Γ	EXPOSED AT 85 °C, 96 h.							1)CONTACT RESISTANCE: 70 mΩ MAX.					
SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) RESISTANCE TO SOLDERING HEAT SOLDERING HEAT SOLDERABILITY SOLDERED AT SOLDER TEMPERATURE. 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CODE NO. (OLD) DRAWING NO. NO HEAVY CORROSION. 1) CONTACT RESISTANCE: 70 mΩ MAX. X — 1) CONTACT RESISTANCE: 70 mΩ MAX. X — 1) CONTACT RESISTANCE: 70 mΩ MAX. X — 2) NO HEAVY CORROSION. X — 220°C 220	COL	D		EXPOSED AT -55 ℃. 96 h.							1,				X	-
SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROFILE 240°C 5 S MAX 200°C 150°C 160°S 5 S MAX 200°C SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED NOTE QT. QUALIFICATION TEST AT: ASSURANCE TEST SPECIFICATION SHEET PART NO. SPECIFICATION SHEET FX11LA - 92P - SV (21) CODE NO. CODE NO.															ļ.,.	_
SULPHUR DIOXIDE EXPOSED IN 10 PPM FOR 96 h. (TEST STANDARD.JIS C 0090) RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROFILE PERFORMANCE OF COMPONENT 150°C 1	COR	ROSIC	ON SALT MIST							NO HEAVY CORROSION.				X	-	
RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROFILE PERFORMANCE OF COMPONENT 150°C 160°C 150°C 160°C 150°C 160°C 150°C 160°C 150°C 150°C 150°C 160°C 150°C	CLIL	51 II IE	DIOVIDE											L.,	<u> </u>	
RESISTANCE TO SOLDERING HEAT REFLOW RECOMMENDED TEMPERATURE PROFILE PROFILE PERFORMANCE OF COMPONENT 150°C 150°	SUL	PHUR	DIOXIDE								•					-
SOLDERING HEAT 160°C 150°C 150°	DE 9	ICTAN	ICE TO					VE 00	0511.6	 			EEECT	CTUE	↓	├
TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, SURFACE. PREMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED WILLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. WOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO. (OLD)				∠ 240 ° C						- · · · · · · · · · · · · · · · · · · ·					١.	l –
TO BE TESTED UNDER THE ABOVE CONDITIONS. SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED WILLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. WOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO. (CODE NO.)	SUL	DEKII	NG HEAT								FER ORMANCE OF COMPONENT:					
TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED Whitehand Approved RELEASED NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO. (OLD)							/ \									ŀ
TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED Whitehand Approved RELEASED NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO. (OLD)																
TO BE TESTED UNDER THE ABOVE CONDITIONS. SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED UNLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO.				150°C (30.5)												
TO BE TESTED UNDER THE ABOVE CONDITIONS. SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED UNLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO.																
TO BE TESTED UNDER THE ABOVE CONDITIONS SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. DRAWN DESIGNED CHECKED APPROVED RELEASED APPROVED APPROVED RELEASED APPROVED APPROV																
SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED APPROVED RELEASED FOR IMMERSION DURATION, 2 s. DRAWN DESIGNED CHECKED APPROVED RELEASED APPROVED RELEASED FOR IMMERSION DURATION, 2 s. SURFACE. PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO.				25°C (60 S) 60~90 S (20~30 S)												
SOLDRABILITY SOLDERED AT SOLDER TEMPERATURE, 235 °C FOR IMMERSION DURATION, 2 s. REMARKS DRAWN DESIGNED CHECKED APPROVED RELEASED APPROVED RELEASED FOR IMMERSION DURATION, 2 s. DRAWN DESIGNED CHECKED APPROVED RELEASED APPROVED RELEASED FOR IMMERSION DURATION, 2 s. SURFACE. PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO.				TO BE TESTED LINDER THE ABOVE COMPUTIONS												
UNLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST HIROSE ELECTRIC CO., LTD. PART NO. SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) CODE NO.	SOLDRABILITY									NO PI	NO PINHOLE OR DEWETTING ON SOLDERED					_
DRAWN DESIGNED CHECKED APPROVED RELEASED Junior Juni] ^	
UNLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST HIROSE ELECTRIC CO., LTD. SPECIFICATION SHEET PART NO. FX11LA - 92P - SV (21) CODE NO. (OLD) CODE NO. (1)							10111011,	4 3.		100111	7.OL.					
UNLESS OTERWISE SPECIFIED, REFER TO JIS C 5402. NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST PART NO. SPECIFICATION SHEET FX11LA - 92P - SV (21) CODE NO.(OLD) DRAWING NO. CODE NO.	REMA	RKS		L			DR	AWN		DESIG	NED CHECK	ED I API	PROVE	D IRE	LEAS	SED
UNLESS OTERWISE SPECIFIED ,REFER TO JIS C 5402. 97.0.26 99.00.26 9							4 .,				1 1	- 7				
UNLESS OTERWISE SPECIFIED ,REFER TO JIS C 5402. 97.0.26 99.00.26 9							1/1	7. L.	,	117	1 In Jahre	16 33	Whime	va		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST PART NO. SPECIFICATION SHEET FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO. 1							17			of Pice Cit	1			`		
NOTE QT: QUALIFICATION TEST AT: ASSURANCE TEST X: APPLICABLE TEST PART NO. SPECIFICATION SHEET FX11LA - 92P - SV (21) CODE NO. (OLD) DRAWING NO. CODE NO. 1	UNLE	SS 01	ERWISE SPECIF	IED ,REFER T	O JIS C	5402	44,	3.31	ַן ו	99 10	35 199.10.2	8 99	· 0 2.	$\ell \perp$		
HIROSE ELECTRIC CO.,LTD. SPECIFICATION SHEET FX11LA - 92P - SV (21) CODE NO.(OLD) DRAWING NO. CODE NO.								- 1 4 4				11.7				
CODE NO.(OLD) DRAWING NO. CODE NO.	7	1			T			'	- 1.	1\						
CODE NO.(OLD) DRAWING NO. CODE NO.	H	(5			SPI	ECIF	CATIO	NC	SHI	EET	EY111 /	<u>. 021</u>	D 0	21/1	241	
	COD!	NO.										7 - 321) V ((1)	·
CL ELC4 - 152101 - 01 CL 573 - 0043 - 4 - 21 / 1		. NO.(OLD)						COD	_		_	-		1,	/
	<u>UL</u>				LC4 -	1521	<u> U1 - 01</u>			<u>CL</u>	<u> 573 - 004</u>	<u>3 - 4 -</u>	21		\angle	1

TO PCK