

CD11GAS 系列

- 小体积、长寿命
- 保证寿命: 105°C 8,000~10,000小时
- 符合 RoHS

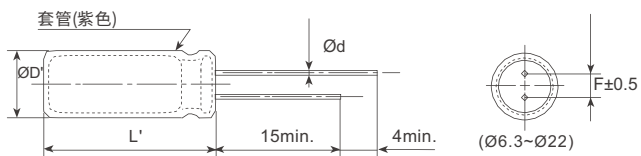
升级



规格表

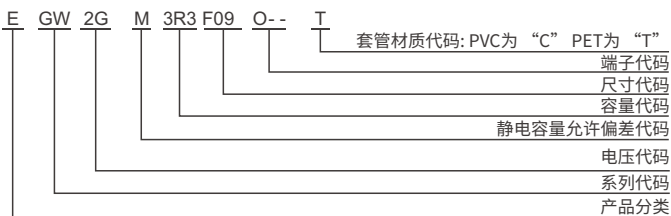
项目	性能										
工作温度范围	-40~+105°C (140~500 Vdc)										
额定电压范围	140~500 Vdc										
静电容量允许偏差	±20%(M) (20°C,120Hz)										
漏电流	140~400 Vdc			450~500 Vdc			I:漏电流(μA),C:静电容量(μF),V:额定电压(V)				(20°C, 2分钟)
	I≤0.02CV+10μA			I≤0.03CV+10μA							
损失角正切值(tanδ)	额定电压(Vdc)	140	160	200	250	315	350	400	450	500	(20°C,120Hz)
	tanδ (max.)	0.15	0.15	0.15	0.15	0.20	0.20	0.20	0.20	0.24	
温度特性 (阻抗比Max.)	额定电压(Vdc)	140	160	200	250	315	350	400	450	500	(120Hz)
	Z(-25°C)/Z(+20°C)	3	3	3	3	5	5	5	6	6	
	Z(-40°C)/Z(+20°C)	6	6	6	6	6	6	6	9	15	
耐久性	在105°C环境中, 连续加载直流电压与额定纹波电流(所加电压峰值不超过额定工作电压) 10,000小时后(工作电压为500Vdc的产品, 为8,000小时), 待温度恢复到20°C进行测量时, 应满足以下要求。										
	静电容量变化率	≤初始值的±20%									
	损失角正切值	≤初始规格值的200%									
	漏电流	≤初始规格值									
高温贮存	在105°C环境中, 无负荷放置1,000小时后、待温度恢复到20°C进行测量时, 应满足以下要求。										
	静电容量变化率	≤初始值的±20%									
	损失角正切值	≤初始规格值的200%									
	漏电流	≤初始规格值的200%									

尺寸图[mm]



ØD	6.3	8	10	12.5	16	18	22
Ød	0.5	0.5	0.6	0.6	0.8	0.8	0.8
F	2.5	3.5	5.0	5.0	7.5	7.5	10
ØD'	ØD+0.5max.						
L'	L+2max.						

产品料号体系



※套管材质代码和端子代码必须遵循产品料号体系。

纹波电流频率修正系数

频率(Hz)	120	1k	10k	100k
额定电压(Vdc)	0.50	0.80	0.90	1.00
140~500	0.50	0.80	0.90	1.00

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■ 标准品一览表 (额定纹波电流:mArms/105°C 100kHz)

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
140(2A)	10	6.3×12	115	EGW2AM100E12OT
	15	6.3×12	145	EGW2AM150E12OT
	22	8×12	270	EGW2AM220F12OT
	33	10×12	380	EGW2AM330G12OT
	47	8×20	480	EGW2AM470F20OT
	68	10×20	570	EGW2AM680G20OT
	100	12.5×16	710	EGW2AM101W16OT
	150	12.5×25	980	EGW2AM151W25OT
220	16×20	1320	EGW2AM221L20OT	
160(2C)	1	6.3×7	36	EGW2CM010E07OT
		6.3×9	40	EGW2CM010E09OT
	1.5	6.3×7	40	EGW2CM1R5E07OT
		6.3×9	45	EGW2CM1R5E09OT
	1.8	6.3×7	45	EGW2CM1R8E07OT
		6.3×9	50	EGW2CM1R8E09OT
	2.2	6.3×7	50	EGW2CM2R2E07OT
		6.3×9	55	EGW2CM2R2E09OT
	2.8	6.3×9	70	EGW2CM2R8E09OT
		6.3×12	78	EGW2CM2R8E12OT
	3.3	6.3×9	85	EGW2CM3R3E09OT
		6.3×12	92	EGW2CM3R3E12OT
	4.7	6.3×9	92	EGW2CM4R7E09OT
		6.3×12	97	EGW2CM4R7E12OT
	5.6	6.3×9	96	EGW2CM5R6E09OT
		6.3×12	100	EGW2CM5R6E12OT
	6.8	6.3×9	100	EGW2CM6R8E09OT
		6.3×12	107	EGW2CM6R8E12OT
	8.2	8×9	107	EGW2CM6R8F09OT
		6.3×12	150	EGW2CM8R2E12OT
	10	8×9	150	EGW2CM8R2F09OT
		8×12	190	EGW2CM100F09OT
	15	8×12	240	EGW2CM100F12OT
		8×9	270	EGW2CM150F09OT
	22	8×12	290	EGW2CM150F12OT
		8×12	390	EGW2CM220F12OT
	33	10×12	430	EGW2CM220G12OT
		10×16	520	EGW2CM330G16OT
	47	10×16	680	EGW2CM470G16OT
		10×20	800	EGW2CM560G20OT
	68	10×20	950	EGW2CM680G20OT
		12.5×16	1060	EGW2CM680W16OT
82	12.5×20	1260	EGW2CM820W20OT	
	12.5×20	1350	EGW2CM101W20OT	
150	12.5×25	1750	EGW2CM151W25OT	
	16×20	1790	EGW2CM151L20OT	
220	16×25	2130	EGW2CM221L25OT	
	18×30	2520	EGW2CM331M30OT	
470	18×35	2880	EGW2CM471M35OT	
	1	6.3×7	45	EGW2DM010E07OT
6.3×9		50	EGW2DM010E09OT	
1.2	6.3×7	50	EGW2DM1R2E07OT	
	6.3×9	55	EGW2DM1R2E09OT	
1.5	6.3×7	55	EGW2DM1R5E07OT	
	6.3×9	60	EGW2DM1R5E09OT	
1.8	6.3×7	60	EGW2DM1R8E07OT	
	6.3×9	66	EGW2DM1R8E09OT	
2.2	6.3×9	72	EGW2DM2R2E09OT	
	6.3×12	81	EGW2DM2R2E12OT	
2.8	6.3×9	81	EGW2DM2R8E09OT	
	6.3×12	88	EGW2DM2R8E12OT	
3.3	6.3×9	105	EGW2DM3R3E09OT	
	6.3×12	112	EGW2DM3R3E12OT	
4.7	6.3×12	115	EGW2DM4R7E12OT	
	8×9	117	EGW2DM4R7F09OT	
8×12	8×12	120	EGW2DM4R7F12OT	

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
200(2D)	5.6	8×9	120	EGW2DM5R6F09OT
		8×12	126	EGW2DM5R6F12OT
	6.8	8×9	126	EGW2DM6R8F09OT
		8×12	132	EGW2DM6R8F12OT
	8.2	8×9	180	EGW2DM8R2F09OT
		8×12	200	EGW2DM8R2F12OT
	10	8×9	190	EGW2DM100F09OT
		8×12	230	EGW2DM100F12OT
	15	8×16	310	EGW2DM150F16OT
		10×12	310	EGW2DM150G12OT
	22	10×16	475	EGW2DM220G16OT
		10×20	650	EGW2DM330G20OT
	33	12.5×16	650	EGW2DM330W16OT
		12.5×16	880	EGW2DM470W16OT
	47	12.5×20	980	EGW2DM470W20OT
		12.5×25	1300	EGW2DM680W25OT
82	16×20	1380	EGW2DM820L20OT	
	16×20	1420	EGW2DM101L20OT	
100	16×25	1494	EGW2DM101L25OT	
	16×25	1680	EGW2DM151L25OT	
150	16×30	1989	EGW2DM151L30OT	
	18×30	2150	EGW2DM221M30OT	
330	18×35	2250	EGW2DM331M35OT	
	1	6.3×7	45	EGW2EM010E07OT
6.3×9		50	EGW2EM010E09OT	
1.2	6.3×7	50	EGW2EM1R2E07OT	
	6.3×9	55	EGW2EM1R2E09OT	
1.5	6.3×7	55	EGW2EM1R5E07OT	
	6.3×9	60	EGW2EM1R5E09OT	
1.8	6.3×7	61	EGW2EM1R8E07OT	
	6.3×9	70	EGW2EM1R8E09OT	
2.2	6.3×9	72	EGW2EM2R2E09OT	
	6.3×12	81	EGW2EM2R2E12OT	
2.8	6.3×9	81	EGW2EM2R8E09OT	
	6.3×12	88	EGW2EM2R8E12OT	
3.3	6.3×9	102	EGW2EM3R3E09OT	
	6.3×12	112	EGW2EM3R3E12OT	
4.7	6.3×9	112	EGW2EM4R7E09OT	
	6.3×12	115	EGW2EM4R7E12OT	
5.6	8×9	115	EGW2EM4R7F09OT	
	8×12	120	EGW2EM4R7F12OT	
6.8	8×9	120	EGW2EM5R6F09OT	
	8×12	126	EGW2EM5R6F12OT	
8.2	8×9	145	EGW2EM6R8F09OT	
	8×12	150	EGW2EM6R8F12OT	
10	8×12	200	EGW2EM8R2F12OT	
	8×16	260	EGW2EM8R2F16OT	
15	8×12	220	EGW2EM100F12OT	
	8×16	275	EGW2EM100F16OT	
22	8×16	350	EGW2EM150F16OT	
	10×12	360	EGW2EM150G12OT	
33	10×16	480	EGW2EM220G16OT	
	10×20	500	EGW2EM220G20OT	
47	10×20	600	EGW2EM330G20OT	
	12.5×16	600	EGW2EM330W16OT	
68	12.5×20	660	EGW2EM330W20OT	
	12.5×16	880	EGW2EM470W16OT	
82	12.5×20	980	EGW2EM470W20OT	
	12.5×25	1180	EGW2EM680W25OT	
100	16×20	1250	EGW2EM680L20OT	
	16×20	1320	EGW2EM820L20OT	
16×20	16×20	1360	EGW2EM101L20OT	
	16×25	1420	EGW2EM101L25OT	

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■ 标准品一览表 (额定纹波电流:mArms/105°C 100kHz)

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号	
250(2E)	150	16×30	1820	EGW2EM151L300T	
		18×25	1820	EGW2EM151M250T	
	220	18×30	2150	EGW2EM221M300T	
	330	18×40	2310	EGW2EM331M400T	
315(2F)	2.2	6.3×9	82	EGW2FM2R2E090T	
	3.3	6.3×12	100	EGW2FM3R3E120T	
	4.7	8×9	120	EGW2FM4R7F090T	
	5.6	8×12	142	EGW2FM5R6F120T	
	6.8	8×12	162	EGW2FM6R8F120T	
	8.2	8×12	194	EGW2FM8R2F120T	
	10	10×12	230	EGW2FM100G120T	
	15	10×16	340	EGW2FM150G160T	
	22	10×20	460	EGW2FM220G200T	
	33	12.5×20	600	EGW2FM330W200T	
	47	12.5×25	680	EGW2FM470W250T	
	350(2V)	1	6.3×9	55	EGW2VM010E090T
			6.3×12	60	EGW2VM010E120T
1.2		6.3×9	60	EGW2VM1R2E090T	
1.5		6.3×9	65	EGW2VM1R5E090T	
		6.3×12	70	EGW2VM1R5E120T	
1.8		6.3×9	72	EGW2VM1R8E090T	
		6.3×12	80	EGW2VM1R8E120T	
2.2		6.3×9	82	EGW2VM2R2E090T	
		6.3×12	86	EGW2VM2R2E120T	
2.8		8×9	88	EGW2VM2R8F090T	
		8×12	95	EGW2VM2R8F120T	
3.3		8×9	100	EGW2VM3R3F090T	
		8×12	108	EGW2VM3R3F120T	
4.7		8×9	114	EGW2VM4R7F090T	
		8×12	120	EGW2VM4R7F120T	
5.6		8×12	150	EGW2VM5R6F120T	
		8×16	162	EGW2VM5R6F160T	
6.8		8×12	172	EGW2VM6R8F120T	
		8×16	190	EGW2VM6R8F160T	
8.2		8×16	215	EGW2VM8R2F160T	
		10×12	215	EGW2VM8R2G120T	
10		8×20	260	EGW2VM100F200T	
		10×12	230	EGW2VM100G120T	
15		10×16	340	EGW2VM150G160T	
22		10×20	460	EGW2VM220G200T	
33		12.5×20	600	EGW2VM330W200T	
47		16×20	650	EGW2VM330L200T	
		16×20	700	EGW2VM470L200T	
68		16×25	780	EGW2VM680L250T	
		18×20	780	EGW2VM680M200T	
82		16×30	1000	EGW2VM820L300T	
		18×25	1000	EGW2VM820M250T	
100		18×25	1120	EGW2VM101M250T	
	18×30	1210	EGW2VM101M300T		
400(2G)	1	6.3×7	61	EGW2GM010E070T	
		6.3×9	65	EGW2GM010E090T	
	1.2	6.3×9	68	EGW2GM1R2E090T	
		6.3×9	70	EGW2GM1R5E090T	
	1.5	6.3×12	74	EGW2GM1R5E120T	
		8×9	72	EGW2GM1R5F090T	
	1.8	6.3×9	72	EGW2GM1R8E090T	
		6.3×12	80	EGW2GM1R8E120T	
	2.2	8×9	76	EGW2GM1R8F090T	
		6.3×9	76	EGW2GM2R2E090T	
		6.3×12	85	EGW2GM2R2E120T	
		8×9	85	EGW2GM2R2F090T	
		8×12	90	EGW2GM2R2F120T	

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
400(2G)	2.8	6.3×12	90	EGW2GM2R8E120T
		8×9	90	EGW2GM2R8F090T
		8×12	94	EGW2GM2R8F120T
	3.3	6.3×12	90	EGW2GM3R3E120T
		8×9	100	EGW2GM3R3F090T
		8×12	102	EGW2GM3R3F120T
	4.7	8×10	110	EGW2GM4R7F100T
		8×12	120	EGW2GM4R7F120T
		10×9	120	EGW2GM4R7G090T
	5.6	10×12	128	EGW2GM4R7G120T
		8×12	145	EGW2GM5R6F120T
		10×12	156	EGW2GM5R6G120T
	6.8	8×12	172	EGW2GM6R8F120T
		8×16	206	EGW2GM6R8F160T
		10×12	206	EGW2GM6R8G120T
	8.2	10×12	220	EGW2GM8R2G120T
		10×16	232	EGW2GM8R2G160T
		10×16	253	EGW2GM100G160T
	10	10×20	275	EGW2GM100G200T
		10×16	270	EGW2GM120G160T
		10×20	280	EGW2GM120G200T
	15	10×20	324	EGW2GM150G200T
		12.5×16	324	EGW2GM150W160T
		12.5×20	480	EGW2GM220W200T
	22	12.5×25	500	EGW2GM220W250T
		12.5×25	550	EGW2GM330W250T
		16×20	585	EGW2GM330L200T
	33	16×20	650	EGW2GM470L200T
		16×25	730	EGW2GM470L250T
		16×30	770	EGW2GM560L300T
	47	16×30	810	EGW2GM680L300T
		18×25	830	EGW2GM680M250T
		18×30	980	EGW2GM820M300T
100	18×30	1025	EGW2GM101M300T	
	18×40	1340	EGW2GM151M400T	
	18×45	1470	EGW2GM181M450T	
450(2W)	1	6.3×9	76	EGW2WM010E090T
		6.3×12	77	EGW2WM010E120T
	1.2	8×9	80	EGW2WM1R2F090T
	1.5	8×9	82	EGW2WM1R5F090T
		8×12	85	EGW2WM1R5F120T
	1.8	8×9	85	EGW2WM1R8F090T
		8×12	88	EGW2WM1R8F120T
	2.2	10×9	90	EGW2WM1R8G090T
		8×9	86	EGW2WM2R2F090T
	2.8	8×12	92	EGW2WM2R2F120T
		10×9	92	EGW2WM2R2G090T
	3.3	8×12	95	EGW2WM2R8F120T
		10×9	95	EGW2WM2R8G090T
	3.9	8×12	94	EGW2WM3R3F120T
		10×9	98	EGW2WM3R3G090T
	4.7	8×12	110	EGW2WM3R9F120T
		10×9	115	EGW2WM3R9G090T
	5.6	8×12	115	EGW2WM4R7F120T
		10×12	123	EGW2WM4R7G120T
	6.8	10×16	130	EGW2WM4R7G160T
		10×12	142	EGW2WM5R6G120T
	8.2	10×16	167	EGW2WM5R6G160T
		10×12	175	EGW2WM6R8G120T
	10	10×16	195	EGW2WM6R8G160T
		10×16	220	EGW2WM8R2G160T
	10	10×20	230	EGW2WM8R2G200T
		10×16	255	EGW2WM100G160T
		10×20	300	EGW2WM100G200T

中高压产品

CD11GAS 系列

■ 标准品一览表 (额定纹波电流:mArms/105°C 100kHz)

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
450(2W)	15	12.5×16	365	EGW2WM150W16OT
		12.5×20	410	EGW2WM150W20OT
	22	12.5×20	480	EGW2WM220W20OT
		12.5×25	530	EGW2WM220W25OT
		16×20	530	EGW2WM220L20OT
	33	16×20	600	EGW2WM330L20OT
		16×25	720	EGW2WM470L25OT
	47	16×30	800	EGW2WM470L30OT
		16×30	990	EGW2WM560L30OT
	56	18×25	1000	EGW2WM560M25OT
		18×25	1150	EGW2WM680M25OT
	68	18×30	1230	EGW2WM680M30OT
		18×30	1320	EGW2WM820M30OT
	100	18×35	1370	EGW2WM101M35OT
150	18×45	1700	EGW2WM151M45OT	
500(2H)	10	12.5×20	288	EGW2HM100W20OT
		12.5×25	302	EGW2HM100W25OT
	15	12.5×25	396	EGW2HM150W25OT
		16×20	396	EGW2HM150L20OT
	22	12.5×35	504	EGW2HM220W35OT
		16×25	504	EGW2HM220L25OT
	33	18×25	630	EGW2HM330M25OT
		18×30	792	EGW2HM470M30OT
	56	18×30	860	EGW2HM560M30OT
		18×35	1000	EGW2HM680M35OT
	68	22×35	1070	EGW2HM680O35OT
		22×35	1220	EGW2HM820O35OT
	100	22×35	1420	EGW2HM101O35OT