

GH系列

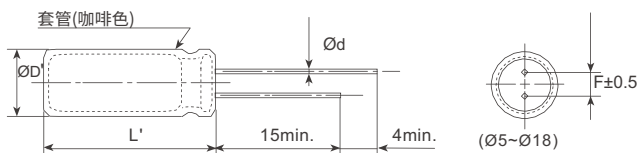
- 保证寿命:105°C 5,000~8,000小时
- 高稳定性、长寿命
- 符合RoHS



规格表

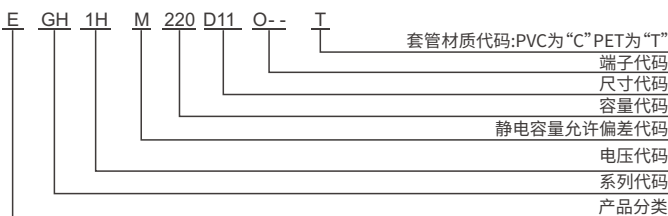
项目	性能	
工作温度范围	-40~+105°C	
额定电压范围	6.3~100 Vdc	
静电容量允许偏差	±20%(M) (20°C,120Hz)	
漏电流	I≤0.01CV或者3μA中任意一个较大值 I:漏电流(μA),C:静电容量(μF),V:额定电压(V) (20°C,2分钟)	
损失角正切值(tanδ)	额定电压(Vdc)	6.3 10 16 25 35 50 63 100
	tanδ(max.)	0.30 0.24 0.20 0.18 0.16 0.14 0.12 0.10 (20°C,120Hz)
	但是,超过1,000μF的每增加1,000μF则tanδ设定增加0.02。	
温度特性 (阻抗比Max.)	额定电压(Vdc)	6.3 10 16 25 35 50 63 100
	Z(-25°C)/Z(+20°C)	5 4 3 2 (120Hz)
	Z(-40°C)/Z(+20°C)	12 10 8 5 4 3
耐久性	在105°C环境中,连续加载直流电压与额定纹波电流规定时间后,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%(6.3V,10V:≤±30%)
	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%(6.3V,10V:≤±30%)
	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	5	6.3	8	10	12.5	16	18
Ød	0.5	0.5	0.5	0.6	0.6	0.6	0.8
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
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

容量(μF) \ 频率(Hz)	120	1k	10k	100k
容量<100	0.40	0.68	0.78	1.00
100≤容量<220	0.50	0.76	0.87	1.00
220≤容量<1000	0.70	0.85	0.90	1.00
容量≥1000	0.85	0.95	0.98	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
6.3(0J)	150	5×11	91	EGH0JM151D110T
	330	6.3×11	151	EGH0JM331E110T
	680	8×12	228	EGH0JM681F120T
	820	10×13	256	EGH0JM821G130T
	1000	8×16	272	EGH0JM102F160T
	1200	8×20	386	EGH0JM122F200T
		10×16	386	EGH0JM122G160T
	1500	10×20	513	EGH0JM152G200T
	1800	12.5×16	513	EGH0JM182W160T
	2200	10×25	580	EGH0JM222G250T
	2700	10×30	630	EGH0JM272G300T
		16×15	630	EGH0JM272L150T
	3300	12.5×20	665	EGH0JM332W200T
	3900	12.5×25	807	EGH0JM392W250T
		18×15	807	EGH0JM392M150T
	4700	12.5×30	902	EGH0JM472W300T
	5600	12.5×35	1034	EGH0JM562W350T
		16×20	1034	EGH0JM562L200T
	6800	12.5×40	1190	EGH0JM682W400T
		16×25	1190	EGH0JM682L250T
8200	18×20	1190	EGH0JM682M200T	
	16×30	1400	EGH0JM822L300T	
10000	16×35	1600	EGH0JM103L350T	
	18×25	1600	EGH0JM103M250T	
12000	16×40	1850	EGH0JM123L400T	
	18×30	1850	EGH0JM123M300T	
15000	18×35	1850	EGH0JM153M350T	
18000	18×40	2000	EGH0JM183M400T	
10(1A)	100	5×11	91	EGH1AM101D110T
	220	6.3×11	151	EGH1AM221E110T
	470	8×12	228	EGH1AM471F120T
	680	8×16	256	EGH1AM681F160T
		10×13	272	EGH1AM681G130T
	1000	8×20	400	EGH1AM102F200T
	1200	10×16	430	EGH1AM102G160T
		10×20	513	EGH1AM122G200T
	1500	10×25	580	EGH1AM152G250T
		12.5×16	580	EGH1AM152W160T
	2200	10×30	630	EGH1AM222G300T
		12.5×20	681	EGH1AM222W200T
	2700	16×15	681	EGH1AM222L150T
		18×15	807	EGH1AM272M150T
	3300	12.5×25	807	EGH1AM332W250T
	3900	12.5×30	902	EGH1AM392W300T
		16×20	902	EGH1AM392L200T
	4700	16×25	1116	EGH1AM472L250T
		12.5×40	1190	EGH1AM562W400T
	5600	16×25	1190	EGH1AM562L250T
18×20		1190	EGH1AM562M200T	
6800	16×30	1400	EGH1AM682L300T	
	18×25	1400	EGH1AM682M250T	
8200	16×35	1600	EGH1AM822L350T	
	18×30	1600	EGH1AM822M300T	
10000	16×40	1850	EGH1AM103L400T	
	18×35	1850	EGH1AM103M350T	
12000	18×40	2000	EGH1AM123M400T	

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
16(1C)	56	5×11	100	EGH1CM560D110T
	120	6.3×11	118	EGH1CM121E110T
	330	8×12	205	EGH1CM331F120T
		8×16	256	EGH1CM471F160T
	470	10×13	272	EGH1CM471G130T
		8×20	386	EGH1CM681F200T
	680	10×16	386	EGH1CM681G160T
		10×20	513	EGH1CM102G200T
	1000	12.5×16	513	EGH1CM102W160T
		10×25	580	EGH1CM122G250T
	1500	10×30	630	EGH1CM152G300T
		12.5×20	665	EGH1CM152W200T
	2200	16×15	665	EGH1CM152L150T
		12.5×25	807	EGH1CM222W250T
	2700	18×15	807	EGH1CM222M150T
		12.5×30	902	EGH1CM272W300T
	3300	16×20	902	EGH1CM272L200T
		12.5×35	1034	EGH1CM332W350T
	3900	12.5×40	1190	EGH1CM392W400T
		16×25	1190	EGH1CM392L250T
4700	18×20	1190	EGH1CM392M200T	
	16×30	1400	EGH1CM472L300T	
5600	18×25	1400	EGH1CM472M250T	
	16×35	1600	EGH1CM562L350T	
6800	18×30	1600	EGH1CM562M300T	
	16×40	1850	EGH1CM682L400T	
8200	18×35	1850	EGH1CM822M350T	
10000	18×40	2000	EGH1CM103M400T	
25(1E)	47	5×11	124	EGH1EM470D110T
	100	6.3×11	138	EGH1EM101E110T
	220	8×12	205	EGH1EM221F120T
	330	8×16	225	EGH1EM331F160T
		10×13	245	EGH1EM331G130T
	470	8×20	320	EGH1EM471F200T
		10×16	340	EGH1EM471G160T
	680	10×20	345	EGH1EM681G200T
		12.5×16	345	EGH1EM681W160T
	820	10×25	450	EGH1EM821G250T
	1000	10×30	540	EGH1EM102G300T
		12.5×20	540	EGH1EM102W200T
	1200	16×15	540	EGH1EM102L150T
		18×15	560	EGH1EM122M150T
	1500	12.5×25	665	EGH1EM152W250T
	1800	12.5×30	790	EGH1EM182W300T
		16×20	800	EGH1EM182L200T
	2200	12.5×35	860	EGH1EM222W350T
		18×20	880	EGH1EM222M200T
	2700	12.5×40	960	EGH1EM272W400T
16×25		980	EGH1EM272L250T	
3300	16×30	1190	EGH1EM332L300T	
	18×25	1190	EGH1EM332M250T	
3900	16×35	1400	EGH1EM392L350T	
	18×30	1400	EGH1EM392M300T	
4700	16×40	1600	EGH1EM472L400T	
	18×35	1600	EGH1EM472M350T	
5600	18×40	1850	EGH1EM562M400T	

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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
35(1V)	33	5×11	90	EGH1VM330D11OT
	56	6.3×11	110	EGH1VM560E11OT
	150	8×12	180	EGH1VM151F12OT
	220	8×16	240	EGH1VM221F16OT
		10×13	252	EGH1VM221G13OT
	270	8×20	280	EGH1VM271F20OT
	330	10×16	312	EGH1VM331G16OT
	470	10×20	386	EGH1VM471G20OT
		12.5×16	394	EGH1VM471W16OT
	560	10×25	450	EGH1VM561G25OT
		10×30	496	EGH1VM681G30OT
	680	12.5×20	520	EGH1VM681W20OT
		16×15	520	EGH1VM681L15OT
	1000	12.5×25	810	EGH1VM102W25OT
		18×15	810	EGH1VM102M15OT
	1200	12.5×30	860	EGH1VM122W30OT
		16×25	880	EGH1VM122L25OT
	1500	12.5×35	880	EGH1VM152W35OT
		12.5×40	960	EGH1VM182W40OT
	1800	16×20	900	EGH1VM182L20OT
18×20		960	EGH1VM182M20OT	
2200	16×30	1190	EGH1VM222L30OT	
	18×25	1190	EGH1VM222M25OT	
2700	16×35	1400	EGH1VM272L35OT	
	18×30	1400	EGH1VM272M30OT	
3300	16×40	1600	EGH1VM332L40OT	
	18×35	1600	EGH1VM332M35OT	
3900	18×40	1850	EGH1VM392M40OT	
50(1H)	22	5×11	84	EGH1HM220D11OT
	56	6.3×11	146	EGH1HM560E11OT
	100	8×12	152	EGH1HM101F12OT
	120	8×16	180	EGH1HM121F16OT
	150	10×13	215	EGH1HM151G13OT
	180	8×20	246	EGH1HM181F20OT
	220	10×16	291	EGH1HM221G16OT
	270	10×20	330	EGH1HM271G20OT
		12.5×16	330	EGH1HM271W16OT
	330	10×25	386	EGH1HM331G25OT
		10×30	460	EGH1HM471G30OT
	470	12.5×20	475	EGH1HM471W20OT
		16×15	475	EGH1HM471L15OT
	560	12.5×25	520	EGH1HM561W25OT
		18×15	520	EGH1HM561M15OT
	680	12.5×30	665	EGH1HM681W30OT
		12.5×35	800	EGH1HM821W35OT
	820	16×20	800	EGH1HM821L20OT
		12.5×40	880	EGH1HM102W40OT
	1000	16×25	880	EGH1HM102L25OT
18×20		880	EGH1HM102M20OT	
1200	16×30	1190	EGH1HM122L30OT	
	18×25	1190	EGH1HM122M25OT	
1500	16×35	1400	EGH1HM152L35OT	
	16×40	1600	EGH1HM182L40OT	
1800	18×30	1600	EGH1HM182M30OT	
	2200	18×35	1800	EGH1HM222M35OT
2700	18×40	1850	EGH1HM272M40OT	

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
63(1J)	15	5×11	62	EGH1JM150D11OT
	33	6.3×11	126	EGH1JM330E11OT
	56	8×12	198	EGH1JM560F12OT
	82	8×16	246	EGH1JM820F16OT
		10×13	252	EGH1JM820G13OT
	120	8×20	300	EGH1JM121F20OT
		10×16	310	EGH1JM121G16OT
	180	10×20	386	EGH1JM181G20OT
		12.5×16	394	EGH1JM181W16OT
	220	10×25	450	EGH1JM221G25OT
		12.5×20	520	EGH1JM271W20OT
	330	12.5×25	665	EGH1JM331W25OT
		12.5×30	790	EGH1JM471W30OT
	470	16×20	800	EGH1JM471L20OT
		12.5×35	860	EGH1JM561W35OT
	560	16×25	880	EGH1JM561L25OT
		12.5×40	960	EGH1JM681W40OT
	680	18×20	980	EGH1JM681M20OT
		16×30	1190	EGH1JM821L30OT
	820	18×25	1190	EGH1JM821M25OT
16×35		1400	EGH1JM102L35OT	
1000	18×30	1400	EGH1JM102M30OT	
	16×40	1600	EGH1JM122L40OT	
1200	18×35	1600	EGH1JM122M35OT	
	1500	18×40	1850	EGH1JM152M40OT
100(1K)	6.8	5×11	62	EGH1KM6R8D11OT
	15	6.3×11	126	EGH1KM150E11OT
	27	8×12	198	EGH1KM270F12OT
	39	8×16	246	EGH1KM390F16OT
	47	10×13	252	EGH1KM470G13OT
	56	8×20	300	EGH1KM560F20OT
	68	10×16	330	EGH1KM680G16OT
	82	10×20	386	EGH1KM820G20OT
		12.5×16	394	EGH1KM820W16OT
	100	10×25	450	EGH1KM101G25OT
	120	12.5×20	520	EGH1KM121W20OT
	180	12.5×25	665	EGH1KM181W25OT
	220	16×20	800	EGH1KM221L20OT
		12.5×30	790	EGH1KM221W30OT
	270	12.5×35	860	EGH1KM271W35OT
		16×25	880	EGH1KM271L25OT
	330	18×20	980	EGH1KM331M20OT
		12.5×40	960	EGH1KM331W40OT
	390	16×30	1190	EGH1KM391L30OT
		18×25	1190	EGH1KM391M25OT
470	16×35	1400	EGH1KM471L35OT	
	18×30	1400	EGH1KM471M30OT	
560	16×40	1600	EGH1KM561L40OT	
680	18×35	1600	EGH1KM681M35OT	
820	18×40	1850	EGH1KM821M40OT	

高稳定性低压产品