

GH系列

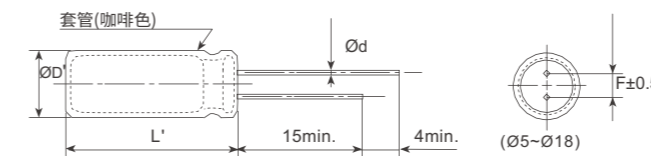
- 保证寿命:105°C 5,000~8,000小时
- 高稳定性、长寿命
- 符合RoHS



规格表

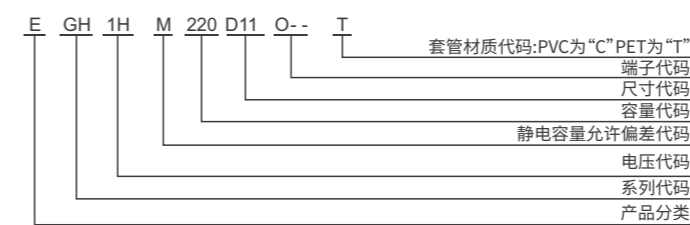
项目	性能	
工作温度范围	-40~+105°C	
额定电压范围	6.3~100 Vdc	
静电容量允许偏差	±20%(M) (20°C,120Hz)	
漏电流	I≤0.01CV或者3μA中任意一个较大值 I:漏电流(μA),C:静电容量(μF),V:额定电压(V) (20°C,2分钟)	
损失角正切值(tanδ)	额定电压(Vdc)	6.3 10 16 25 35 50 63 100
	tanδ(max.)	0.30 0.24 0.20 0.18 0.16 0.14 0.12 0.10 (20°C,120Hz)
但是,超过1,000μF的每增加1,000μF则tanδ设定增加0.02。		
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
		直径(mm)
		6.3~10V
		16~100V
		ØD≤6.3
		5,000
		ØD=8&10
		6,000
		7,000
		ØD≥12.5
		8,000
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	0.8	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	EGHOJM151D110T
	330	6.3×11	151	EGHOJM331E110T
	680	8×12	228	EGHOJM681F120T
	820	10×13	256	EGHOJM821G130T
	1000	8×16	272	EGHOJM102F160T
	1200	8×20	386	EGHOJM122F200T
		10×16	386	EGHOJM122G160T
	1500	10×20	513	EGHOJM152G200T
	1800	12.5×16	513	EGHOJM182W160T
	2200	10×25	580	EGHOJM222G250T
	2700	10×30	630	EGHOJM272G300T
		16×15	630	EGHOJM272L150T
	3300	12.5×20	665	EGHOJM332W200T
	3900	12.5×25	807	EGHOJM392W250T
		18×15	807	EGHOJM392M150T
	4700	12.5×30	902	EGHOJM472W300T
	5600	12.5×35	1034	EGHOJM562W350T
		16×20	1034	EGHOJM562L200T
	6800	12.5×40	1190	EGHOJM682W400T
		16×25	1190	EGHOJM682L250T
8200	18×20	1190	EGHOJM682M200T	
	16×30	1400	EGHOJM822L300T	
10000	16×35	1600	EGHOJM103L350T	
	18×25	1600	EGHOJM103M250T	
12000	16×40	1850	EGHOJM123L400T	
	18×30	1850	EGHOJM123M300T	
15000	18×35	1850	EGHOJM153M350T	
18000	18×40	2000	EGHOJM183M400T	
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
		10×16	430	EGH1AM102G160T
	1200	10×20	513	EGH1AM122G200T
		10×25	580	EGH1AM152G250T
	1500	12.5×16	580	EGH1AM152W160T
		10×30	630	EGH1AM222G300T
	2200	12.5×20	681	EGH1AM222W200T
		16×15	681	EGH1AM222L150T
	2700	18×15	807	EGH1AM272M150T
	3300	12.5×25	807	EGH1AM332W250T
		12.5×30	902	EGH1AM392W300T
	3900	16×20	902	EGH1AM392L200T
		16×25	1116	EGH1AM472L250T
	4700	12.5×40	1190	EGH1AM562W400T
		16×25	1190	EGH1AM562L250T
5600	18×20	1190	EGH1AM562M200T	
	16×30	1400	EGH1AM682L300T	
6800	18×25	1400	EGH1AM682M250T	
	16×35	1600	EGH1AM822L350T	
8200	18×30	1600	EGH1AM822M300T	
	16×40	1850	EGH1AM103L400T	
10000	18×35	1850	EGH1AM103M350T	
	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
	470	8×16	256	EGH1CM471F160T
		10×13	272	EGH1CM471G130T
	680	8×20	386	EGH1CM681F200T
		10×16	386	EGH1CM681G160T
	1000	10×20	513	EGH1CM102G200T
	1200	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	
	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
		10×30	540	EGH1EM102G300T
	1000	12.5×20	540	EGH1EM102W200T
		16×15	540	EGH1EM102L150T
	1200	18×15	560	EGH1EM122M150T
	1500	12.5×25	665	EGH1EM152W250T
		12.5×30	790	EGH1EM182W300T
	1800	16×20	800	EGH1EM182L200T
		12.5×35	860	EGH1EM222W350T
	2200	18×20	880	EGH1EM222M200T
		12.5×40	960	EGH1EM272W400T
2700	16×25	980	EGH1EM272L250T	
	16×30	1190	EGH1EM332L300T	
3300	18×25	1190	EGH1EM332M250T	
	16×35	1400	EGH1EM392L350T	
3900	18×30	1400	EGH1EM392M300T	
	16×40	1600	EGH1EM472L400T	
4700	18×35	1600	EGH1EM472M350T	
	18×40	1850	EGH1EM562M400T	

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
35(1G)	100	5×11	138	EGH1GM100D110T
	220	6.3×11	151	EGH1GM221E110T
	470	8×12	228	EGH1GM471F120T
	680	8×16	256	EGH1GM681F160T
		10×13	272	EGH1GM681G130T
	1000	8×20	400	EGH1GM102F200T
		10×16	430	EGH1GM102G160T
	1200	10×20	513	EGH1GM122G200T
		10×25	580	EGH1GM152G250T
	1500	12.5×16	580	EGH1GM152W160T
		10×30	630	EGH1GM222G300T
	2200	12.5×20	681	EGH1GM222W200T
		16×15	681	EGH1GM222L150T
	2700	18×15	807	EGH1GM272M150T
	3300	12.5×25	807	EGH1GM332W250T
		12.5×30	902	EGH1GM392W300T
	3900	16×20	902	EGH1GM392L200T
		16×25	1116	EGH1GM472L250T
	4700	12.5×40	1190	EGH1GM562W400T
		16×25	1190	EGH1GM562L250T
5600	18×20	1190	EGH1GM562M200T	
	16×30	1400	EGH1GM682L300T	
6800	18×25	1400	EGH1GM682M250T	
	16×35	1600	EGH1GM822L350T	
8200	18×30	1600	EGH1GM822M300T	
	16×40	1850	EGH1GM103L400T	
10000	18×35	1850	EGH1GM103M350T	
	18×40	2000	EGH1GM123M400T	

WV (Vdc)	Cap (μF)	尺寸 ΦD×L(mm)	额定纹波电流	料号
50(1H)	100	5×11	151	EGH1HM100D110T
	220	6.3×11	164	EGH1HM221E110T
	470	8×12	241	EGH1HM471F120T
	680	8×16	272	EGH1HM681F160T
		10×13	292	EGH1HM681G130T
	1000	8×20	430	EGH1HM102F200T
		10×16	460	EGH1HM102G160T
	1200	10×20	543	EGH1HM122G200T
		10×25	610	EGH1HM152G250T
	1500	12.5×16	610	EGH1HM152W160T
		10×30	660	EGH1HM222G300T
	2200	12.5×20	723	EGH1HM222W200T
		16×15	723	EGH1HM222L150T
	2700	18×15	843	EGH1HM272M150T
	3300	12.5×25	843	EGH1HM332W250T
		12.5×30	922	EGH1HM392W300T
	3900	16×20	922	EGH1HM392L200T
		16×25	1146	EGH1HM472L250T
	4700	12.5×40	1223	EGH1HM562W400T
		16×25	1223	EGH1HM562L250T
5600	18×20	1223	EGH1HM562M200T	
	16×30	1440	EGH1HM682L300T	
6800	18×25	1440	EGH1HM682M250T	
	16×35	1660	EGH1HM822L350T	
8200	18×30	1660	EGH1HM822M300T	
	16×40	1900	EGH1HM103L400T	
10000	18×35	1900	EGH1HM103M350T	
	18×40	2100	EGH1HM123M400T	

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