

积层型带导线陶瓷电容器

中耐压 FK 系列

RoHS指令对应产品

特点

- 针对高电压的独特设计结构，体积小而具有高耐压的特性。
- 额定电压 E_{dc} : 可适应100, 250, 630V。
- 通过导线上设置扭结的成型加工，插入使能保持一定高度，同时容易避开焊接时的气体，从而提高焊接的可靠度。
- 也备有自动插入用的卷带仕様，从而可以降低插件成本。

产品名称的识别法

FK 28 C0G 1H 101 J □□□□

(1) (2) (3) (4) (5) (6) (7)

(1) 系列名称

(2) 尺寸·导线形状

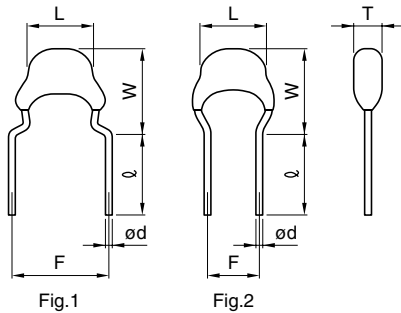


Fig.1

Fig.2

单位:mm

型号	最大 L	最大 W	最大 T	F	ℓ	ød	图
28	4.0	5.5	2.5	5.0±1.0	7±2	0.5+0.1, -0.03	1
24	4.5	5.5	2.5	5.0±1.0	7±2	0.5+0.1, -0.03	1
26	5.5	6.0	3.5	5.0±1.0	7±2	0.5+0.1, -0.03	1
20	5.5	7.0	4.0	5.0±1.0	7±2	0.5+0.1, -0.03	1
22	7.5	8.0	4.0	5.0±1.0	7±2	0.5+0.1, -0.03	1
18	4.0	5.5	2.5	2.5±0.8	5+3, -1	0.5+0.1, -0.03	2
14	4.5	5.5	2.5	2.5±0.8	5+3, -1	0.5+0.1, -0.03	2

(3) 电容温度特性

种类1 (温度补偿用)

温度特性	温度系数	温度范围
C0G	0±30ppm/°C	-55 to +125°C

种类2 (高介电率类)

温度特性	温度系数	温度范围
X7R	±15%	-55 to +125°C

(4) 额定电压 E_{dc}

2A	100V
2E	250V
2J	630V

(5) 标称电容

以 pF(微微法拉) 为单位, 并用三位数表示。

最初两位数: 有效数字

最后一位数: 接在有效数字后的零数

102	1,000pF
333	33,000pF
474	470,000pF

(6) 电容公差

记号	容差
J	±5%
K	±10%
M	±20%

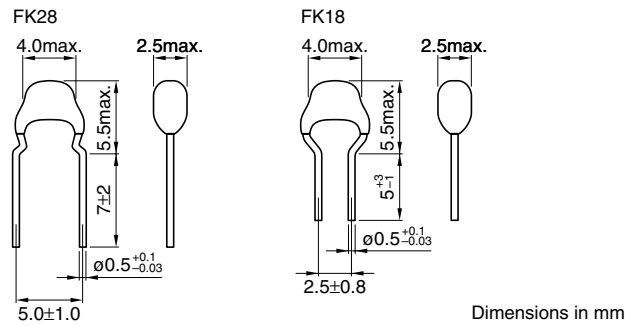
(7) 本公司内部管理记号

● RoHS 指令的对应: 表示除了依据 EU Directive 2002/95/EC 免除的用途之外, 未使用铅, 镉, 汞, 六价铬及特定溴系阻燃剂 PBB, PBD 等。

· 记载内容, 在没有予告的情况下有可能改进和变更, 请予以谅解。

FK28, FK18 型

形状・尺寸



电容取得范围：种类1（温度补偿用）

温度特性: C0G(0±30ppm/°C)

额定电压 Edc: 100V

电容 (pF)	容差	品名	FK28型	FK18型
100	±5%	FK28C0G2A101J	FK18C0G2A101J	FK18C0G2A101J
	±10%	FK28C0G2A101K	FK18C0G2A101K	FK18C0G2A101K
120	±5%	FK28C0G2A121J	FK18C0G2A121J	FK18C0G2A121J
	±10%	FK28C0G2A121K	FK18C0G2A121K	FK18C0G2A121K
150	±5%	FK28C0G2A151J	FK18C0G2A151J	FK18C0G2A151J
	±10%	FK28C0G2A151K	FK18C0G2A151K	FK18C0G2A151K
180	±5%	FK28C0G2A181J	FK18C0G2A181J	FK18C0G2A181J
	±10%	FK28C0G2A181K	FK18C0G2A181K	FK18C0G2A181K
220	±5%	FK28C0G2A221J	FK18C0G2A221J	FK18C0G2A221J
	±10%	FK28C0G2A221K	FK18C0G2A221K	FK18C0G2A221K
270	±5%	FK28C0G2A271J	FK18C0G2A271J	FK18C0G2A271J
	±10%	FK28C0G2A271K	FK18C0G2A271K	FK18C0G2A271K
330	±5%	FK28C0G2A331J	FK18C0G2A331J	FK18C0G2A331J
	±10%	FK28C0G2A331K	FK18C0G2A331K	FK18C0G2A331K
390	±5%	FK28C0G2A391J	FK18C0G2A391J	FK18C0G2A391J
	±10%	FK28C0G2A391K	FK18C0G2A391K	FK18C0G2A391K
470	±5%	FK28C0G2A471J	FK18C0G2A471J	FK18C0G2A471J
	±10%	FK28C0G2A471K	FK18C0G2A471K	FK18C0G2A471K
560	±5%	FK28C0G2A561J	FK18C0G2A561J	FK18C0G2A561J
	±10%	FK28C0G2A561K	FK18C0G2A561K	FK18C0G2A561K
680	±5%	FK28C0G2A681J	FK18C0G2A681J	FK18C0G2A681J
	±10%	FK28C0G2A681K	FK18C0G2A681K	FK18C0G2A681K
820	±5%	FK28C0G2A821J	FK18C0G2A821J	FK18C0G2A821J
	±10%	FK28C0G2A821K	FK18C0G2A821K	FK18C0G2A821K
1,000	±5%	FK28C0G2A102J	FK18C0G2A102J	FK18C0G2A102J
	±10%	FK28C0G2A102K	FK18C0G2A102K	FK18C0G2A102K
1,200	±5%	FK28C0G2A122J	FK18C0G2A122J	FK18C0G2A122J
	±10%	FK28C0G2A122K	FK18C0G2A122K	FK18C0G2A122K

温度特性: C0G(0±30ppm/°C)

额定电压 Edc: 250V

电容 (pF)	容差	品名	FK28型	FK18型
100	±5%	FK28C0G2E101J	FK18C0G2E101J	FK18C0G2E101J
	±10%	FK28C0G2E101K	FK18C0G2E101K	FK18C0G2E101K
120	±5%	FK28C0G2E121J	FK18C0G2E121J	FK18C0G2E121J
	±10%	FK28C0G2E121K	FK18C0G2E121K	FK18C0G2E121K
150	±5%	FK28C0G2E151J	FK18C0G2E151J	FK18C0G2E151J
	±10%	FK28C0G2E151K	FK18C0G2E151K	FK18C0G2E151K
180	±5%	FK28C0G2E181J	FK18C0G2E181J	FK18C0G2E181J
	±10%	FK28C0G2E181K	FK18C0G2E181K	FK18C0G2E181K
220	±5%	FK28C0G2E221J	FK18C0G2E221J	FK18C0G2E221J
	±10%	FK28C0G2E221K	FK18C0G2E221K	FK18C0G2E221K
270	±5%	FK28C0G2E271J	FK18C0G2E271J	FK18C0G2E271J
	±10%	FK28C0G2E271K	FK18C0G2E271K	FK18C0G2E271K
330	±5%	FK28C0G2E331J	FK18C0G2E331J	FK18C0G2E331J
	±10%	FK28C0G2E331K	FK18C0G2E331K	FK18C0G2E331K
390	±5%	FK28C0G2E391J	FK18C0G2E391J	FK18C0G2E391J
	±10%	FK28C0G2E391K	FK18C0G2E391K	FK18C0G2E391K
470	±5%	FK28C0G2E471J	FK18C0G2E471J	FK18C0G2E471J
	±10%	FK28C0G2E471K	FK18C0G2E471K	FK18C0G2E471K
560	±5%	FK28C0G2E561J	FK18C0G2E561J	FK18C0G2E561J
	±10%	FK28C0G2E561K	FK18C0G2E561K	FK18C0G2E561K
680	±5%	FK28C0G2E681J	FK18C0G2E681J	FK18C0G2E681J
	±10%	FK28C0G2E681K	FK18C0G2E681K	FK18C0G2E681K

电容取得范围：种类2（高介电率类）

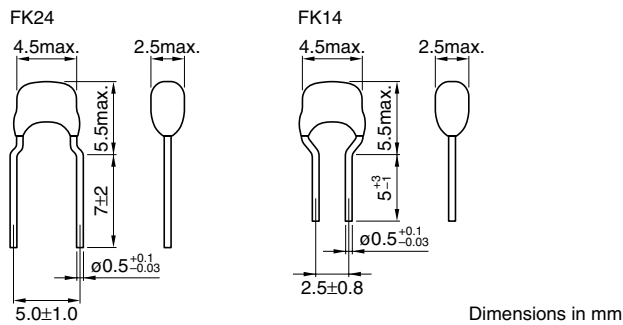
温度特性: X7R(±15%)

额定电压 Edc: 100V

电容 (pF)	容差	品名	FK28型	FK18型
1,000	±10%	FK28X7R2A102K	FK18X7R2A102K	FK18X7R2A102K
	±20%	FK28X7R2A102M	FK18X7R2A102M	FK18X7R2A102M
1,500	±10%	FK28X7R2A152K	FK18X7R2A152K	FK18X7R2A152K
	±20%	FK28X7R2A152M	FK18X7R2A152M	FK18X7R2A152M
2,200	±10%	FK28X7R2A222K	FK18X7R2A222K	FK18X7R2A222K
	±20%	FK28X7R2A222M	FK18X7R2A222M	FK18X7R2A222M
3,300	±10%	FK28X7R2A332K	FK18X7R2A332K	FK18X7R2A332K
	±20%	FK28X7R2A332M	FK18X7R2A332M	FK18X7R2A332M
4,700	±10%	FK28X7R2A472K	FK18X7R2A472K	FK18X7R2A472K
	±20%	FK28X7R2A472M	FK18X7R2A472M	FK18X7R2A472M
6,800	±10%	FK28X7R2A682K	FK18X7R2A682K	FK18X7R2A682K
	±20%	FK28X7R2A682M	FK18X7R2A682M	FK18X7R2A682M
10,000	±10%	FK28X7R2A103K	FK18X7R2A103K	FK18X7R2A103K
	±20%	FK28X7R2A103M	FK18X7R2A103M	FK18X7R2A103M

FK24, FK14 型

形状・尺寸



电容取得范围：种类1（温度补偿用）

温度特性：C0G(0±30ppm/°C)

额定电压 Edc: 100V

电容 (pF)	容差	品名	
		FK24型	FK14型
1,000	±5%	FK24C0G2A102J	FK14C0G2A102J
	±10%	FK24C0G2A102K	FK14C0G2A102K
1,200	±5%	FK24C0G2A122J	FK14C0G2A122J
	±10%	FK24C0G2A122K	FK14C0G2A122K
1,500	±5%	FK24C0G2A152J	FK14C0G2A152J
	±10%	FK24C0G2A152K	FK14C0G2A152K
1,800	±5%	FK24C0G2A182J	FK14C0G2A182J
	±10%	FK24C0G2A182K	FK14C0G2A182K
2,200	±5%	FK24C0G2A222J	FK14C0G2A222J
	±10%	FK24C0G2A222K	FK14C0G2A222K
2,700	±5%	FK24C0G2A272J	FK14C0G2A272J
	±10%	FK24C0G2A272K	FK14C0G2A272K
3,300	±5%	FK24C0G2A332J	FK14C0G2A332J
	±10%	FK24C0G2A332K	FK14C0G2A332K
3,900	±5%	FK24C0G2A392J	FK14C0G2A392J
	±10%	FK24C0G2A392K	FK14C0G2A392K
4,700	±5%	FK24C0G2A472J	FK14C0G2A472J
	±10%	FK24C0G2A472K	FK14C0G2A472K

额定电压 Edc: 250V

电容 (pF)	容差	品名	
		FK24型	FK14型
820	±5%	FK24C0G2E821J	FK14C0G2E821J
	±10%	FK24C0G2E821K	FK14C0G2E821K
1,000	±5%	FK24C0G2E102J	FK14C0G2E102J
	±10%	FK24C0G2E102K	FK14C0G2E102K
1,200	±5%	FK24C0G2E122J	FK14C0G2E122J
	±10%	FK24C0G2E122K	FK14C0G2E122K
1,500	±5%	FK24C0G2E152J	FK14C0G2E152J
	±10%	FK24C0G2E152K	FK14C0G2E152K
1,800	±5%	FK24C0G2E182J	FK14C0G2E182J
	±10%	FK24C0G2E182K	FK14C0G2E182K
2,200	±5%	FK24C0G2E222J	FK14C0G2E222J
	±10%	FK24C0G2E222K	FK14C0G2E222K
2,700	±5%	FK24C0G2E272J	FK14C0G2E272J
	±10%	FK24C0G2E272K	FK14C0G2E272K

电容取得范围：种类2（高介电率类）

温度特性：X7R(±15%)

额定电压 Edc: 100V

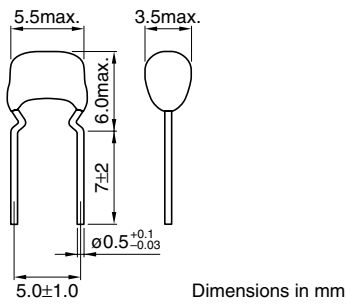
电容 (pF)	容差	品名	
		FK24型	FK14型
1,000	±10%	FK24X7R2A102K	FK14X7R2A102K
	±20%	FK24X7R2A102M	FK14X7R2A102M
1,500	±10%	FK24X7R2A152K	FK14X7R2A152K
	±20%	FK24X7R2A152M	FK14X7R2A152M
2,200	±10%	FK24X7R2A222K	FK14X7R2A222K
	±20%	FK24X7R2A222M	FK14X7R2A222M
3,300	±10%	FK24X7R2A332K	FK14X7R2A332K
	±20%	FK24X7R2A332M	FK14X7R2A332M
4,700	±10%	FK24X7R2A472K	FK14X7R2A472K
	±20%	FK24X7R2A472M	FK14X7R2A472M
6,800	±10%	FK24X7R2A682K	FK14X7R2A682K
	±20%	FK24X7R2A682M	FK14X7R2A682M
10,000	±10%	FK24X7R2A103K	FK14X7R2A103K
	±20%	FK24X7R2A103M	FK14X7R2A103M
15,000	±10%	FK24X7R2A153K	FK14X7R2A153K
	±20%	FK24X7R2A153M	FK14X7R2A153M
22,000	±10%	FK24X7R2A223K	FK14X7R2A223K
	±20%	FK24X7R2A223M	FK14X7R2A223M
33,000	±10%	FK24X7R2A333K	FK14X7R2A333K
	±20%	FK24X7R2A333M	FK14X7R2A333M
47,000	±10%	FK24X7R2A473K	FK14X7R2A473K
	±20%	FK24X7R2A473M	FK14X7R2A473M

额定电压 Edc: 250V

电容 (pF)	容差	品名	
		FK24型	FK14型
1,000	±10%	FK24X7R2E102K	FK14X7R2E102K
	±20%	FK24X7R2E102M	FK14X7R2E102M
1,500	±10%	FK24X7R2E152K	FK14X7R2E152K
	±20%	FK24X7R2E152M	FK14X7R2E152M
2,200	±10%	FK24X7R2E222K	FK14X7R2E222K
	±20%	FK24X7R2E222M	FK14X7R2E222M
3,300	±10%	FK24X7R2E332K	FK14X7R2E332K
	±20%	FK24X7R2E332M	FK14X7R2E332M
4,700	±10%	FK24X7R2E472K	FK14X7R2E472K
	±20%	FK24X7R2E472M	FK14X7R2E472M
6,800	±10%	FK24X7R2E682K	FK14X7R2E682K
	±20%	FK24X7R2E682M	FK14X7R2E682M
10,000	±10%	FK24X7R2E103K	FK14X7R2E103K
	±20%	FK24X7R2E103M	FK14X7R2E103M
15,000	±10%	FK24X7R2E153K	FK14X7R2E153K
	±20%	FK24X7R2E153M	FK14X7R2E153M
22,000	±10%	FK24X7R2E223K	FK14X7R2E223K
	±20%	FK24X7R2E223M	FK14X7R2E223M

FK26 型

形状・尺寸



电容取得范围：种类1（温度补偿用）

温度特性: C0G(0±30ppm/°C)

额定电压 Edc: 100V

电容 (pF)	容差	品名
		FK26型
3,900	±5%	FK26C0G2A392J
	±10%	FK26C0G2A392K
4,700	±5%	FK26C0G2A472J
	±10%	FK26C0G2A472K
5,600	±5%	FK26C0G2A562J
	±10%	FK26C0G2A562K
6,800	±5%	FK26C0G2A682J
	±10%	FK26C0G2A682K
8,200	±5%	FK26C0G2A822J
	±10%	FK26C0G2A822K
10,000	±5%	FK26C0G2A103J
	±10%	FK26C0G2A103K

额定电压 Edc: 250V

电容 (pF)	容差	品名
		FK26型
3,300	±5%	FK26C0G2E332J
	±10%	FK26C0G2E332K
3,900	±5%	FK26C0G2E392J
	±10%	FK26C0G2E392K
4,700	±5%	FK26C0G2E472J
	±10%	FK26C0G2E472K
5,600	±5%	FK26C0G2E562J
	±10%	FK26C0G2E562K
6,800	±5%	FK26C0G2E682J
	±10%	FK26C0G2E682K
8,200	±5%	FK26C0G2E822J
	±10%	FK26C0G2E822K

温度特性: C0G(0±30ppm/°C)

额定电压 Edc: 630V

电容 (pF)	容差	品名
		FK26型
100	±5%	FK26C0G2J101J
	±10%	FK26C0G2J101K
120	±5%	FK26C0G2J121J
	±10%	FK26C0G2J121K
150	±5%	FK26C0G2J151J
	±10%	FK26C0G2J151K
180	±5%	FK26C0G2J181J
	±10%	FK26C0G2J181K
220	±5%	FK26C0G2J221J
	±10%	FK26C0G2J221K
270	±5%	FK26C0G2J271J
	±10%	FK26C0G2J271K
330	±5%	FK26C0G2J331J
	±10%	FK26C0G2J331K
390	±5%	FK26C0G2J391J
	±10%	FK26C0G2J391K
470	±5%	FK26C0G2J471J
	±10%	FK26C0G2J471K
560	±5%	FK26C0G2J561J
	±10%	FK26C0G2J561K
680	±5%	FK26C0G2J681J
	±10%	FK26C0G2J681K
820	±5%	FK26C0G2J821J
	±10%	FK26C0G2J821K
1,000	±5%	FK26C0G2J102J
	±10%	FK26C0G2J102K
1,200	±5%	FK26C0G2J122J
	±10%	FK26C0G2J122K
1,500	±5%	FK26C0G2J152J
	±10%	FK26C0G2J152K
1,800	±5%	FK26C0G2J182J
	±10%	FK26C0G2J182K
2,200	±5%	FK26C0G2J222J
	±10%	FK26C0G2J222K
2,700	±5%	FK26C0G2J272J
	±10%	FK26C0G2J272K
3,300	±5%	FK26C0G2J332J
	±10%	FK26C0G2J332K

电容取得范围：种类2（高介电率类）
温度特性：X7R(±15%)
额定电压 Edc: 100V

电容 (pF)	容差	品名 FK26型
33,000	±10%	FK26X7R2A333K
	±20%	FK26X7R2A333M
47,000	±10%	FK26X7R2A473K
	±20%	FK26X7R2A473M
68,000	±10%	FK26X7R2A683K
	±20%	FK26X7R2A683M
100,000	±10%	FK26X7R2A104K
	±20%	FK26X7R2A104M
150,000	±10%	FK26X7R2A154K
	±20%	FK26X7R2A154M

额定电压 Edc: 250V

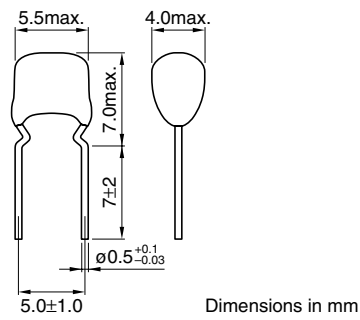
电容 (pF)	容差	品名 FK26型
15,000	±10%	FK26X7R2E153K
	±20%	FK26X7R2E153M
22,000	±10%	FK26X7R2E223K
	±20%	FK26X7R2E223M
33,000	±10%	FK26X7R2E333K
	±20%	FK26X7R2E333M
47,000	±10%	FK26X7R2E473K
	±20%	FK26X7R2E473M
68,000	±10%	FK26X7R2E683K
	±20%	FK26X7R2E683M
100,000	±10%	FK26X7R2E104K
	±20%	FK26X7R2E104M

额定电压 Edc: 630V

电容 (pF)	容差	品名 FK26型
1,000	±10%	FK26X7R2J102K
	±20%	FK26X7R2J102M
1,500	±10%	FK26X7R2J152K
	±20%	FK26X7R2J152M
2,200	±10%	FK26X7R2J222K
	±20%	FK26X7R2J222M
3,300	±10%	FK26X7R2J332K
	±20%	FK26X7R2J332M
4,700	±10%	FK26X7R2J472K
	±20%	FK26X7R2J472M
6,800	±10%	FK26X7R2J682K
	±20%	FK26X7R2J682M
10,000	±10%	FK26X7R2J103K
	±20%	FK26X7R2J103M
15,000	±10%	FK26X7R2J153K
	±20%	FK26X7R2J153M
22,000	±10%	FK26X7R2J223K
	±20%	FK26X7R2J223M
33,000	±10%	FK26X7R2J333K
	±20%	FK26X7R2J333M

FK20 型

形状・尺寸



电容取得范围：种类1（温度补偿用）

温度特性: COG(0±30ppm/°C)

额定电压 Edc: 100V

电容 (pF)	容差	品名
		FK20型
15,000	±5%	FK20C0G2A153J
	±10%	FK20C0G2A153K
22,000	±5%	FK20C0G2A223J
	±10%	FK20C0G2A223K
33,000	±5%	FK20C0G2A333J
	±10%	FK20C0G2A333K

额定电压 Edc: 250V

电容 (pF)	容差	品名
		FK20型
10,000	±5%	FK20C0G2E103J
	±10%	FK20C0G2E103K
15,000	±5%	FK20C0G2E153J
	±10%	FK20C0G2E153K

额定电压 Edc: 630V

电容 (pF)	容差	品名
		FK20型
3,900	±5%	FK20C0G2J392J
	±10%	FK20C0G2J392K
4,700	±5%	FK20C0G2J472J
	±10%	FK20C0G2J472K
5,600	±5%	FK20C0G2J562J
	±10%	FK20C0G2J562K
6,800	±5%	FK20C0G2J682J
	±10%	FK20C0G2J682K

电容取得范围：种类2（高介电率类）

温度特性: X7R(±15%)

额定电压 Edc: 100V

电容 (pF)	容差	品名
		FK20型
330,000	±10%	FK20X7R2A334K
	±20%	FK20X7R2A334M
470,000	±10%	FK20X7R2A474K
	±20%	FK20X7R2A474M

额定电压 Edc: 250V

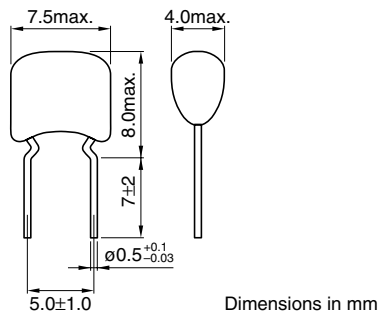
电容 (pF)	容差	品名
		FK20型
100,000	±10%	FK20X7R2E104K
	±20%	FK20X7R2E104M
150,000	±10%	FK20X7R2E154K
	±20%	FK20X7R2E154M
220,000	±10%	FK20X7R2E224K
	±20%	FK20X7R2E224M

额定电压 Edc: 630V

电容 (pF)	容差	品名
		FK20型
47,000	±10%	FK20X7R2J473K
	±20%	FK20X7R2J473M
68,000	±10%	FK20X7R2J683K
	±20%	FK20X7R2J683M

FK22 型

形状・尺寸



电容取得范围：种类1（温度补偿用）

温度特性: C0G(0±30ppm/°C)

额定电压 Edc: 100V

电容 (pF)	容差	品名
		FK22型
47,000	±5%	FK22C0G2A473J
	±10%	FK22C0G2A473K
68,000	±5%	FK22C0G2A683J
	±10%	FK22C0G2A683K
100,000	±5%	FK22C0G2A104J
	±10%	FK22C0G2A104K

额定电压 Edc: 250V

电容 (pF)	容差	品名
		FK22型
22,000	±5%	FK22C0G2E223J
	±10%	FK22C0G2E223K
33,000	±5%	FK22C0G2E333J
	±10%	FK22C0G2E333K
47,000	±5%	FK22C0G2E473J
	±10%	FK22C0G2E473K

额定电压 Edc: 630V

电容 (pF)	容差	品名
		FK22型
8,200	±5%	FK22C0G2J822J
	±10%	FK22C0G2J822K
10,000	±5%	FK22C0G2J103J
	±10%	FK22C0G2J103K
15,000	±5%	FK22C0G2J153J
	±10%	FK22C0G2J153K
22,000	±5%	FK22C0G2J223J
	±10%	FK22C0G2J223K

电容取得范围：种类2（高介电率类）

温度特性: X7R(±15%)

额定电压 Edc: 100V

电容 (pF)	容差	品名
		FK22型
680,000	±10%	FK22X7R2A684K
	±20%	FK22X7R2A684M
1,000,000 [1μF]	±10%	FK22X7R2A105K
	±20%	FK22X7R2A105M

额定电压 Edc: 250V

电容 (pF)	容差	品名
		FK22型
150,000	±10%	FK22X7R2E154K
	±20%	FK22X7R2E154M
220,000	±10%	FK22X7R2E224K
	±20%	FK22X7R2E224M
330,000	±10%	FK22X7R2E334K
	±20%	FK22X7R2E334M
470,000	±10%	FK22X7R2E474K
	±20%	FK22X7R2E474M

额定电压 Edc: 630V

电容 (pF)	容差	品名
		FK22型
68,000	±10%	FK22X7R2J683K
	±20%	FK22X7R2J683M
100,000	±10%	FK22X7R2J104K
	±20%	FK22X7R2J104M

●要了解没有记载的电容量及产品说明，请向本公司询问。

· 记载内容，在没有予告的情况下有可能改进和变更，请予以谅解。