



电路保护（安规）元器件制造商

MANUFACTURER OF CIRCUIT PROTECTION (SAFETY) COMPONENTS

建百年企业 创百年浩田 向世界提供一流品质的安规器件电容器



以人为本 互利共赢



ABOUT US/ 公司简介

深圳市浩田电子有限公司是一家专业生产贴片Y电容、氧化锌压敏电阻器、抑制电源电磁干扰用固定电容器 (Y和X2系列)、直热式负温度系数热敏电阻器的高新技术企业。

公司通过了ISO9001质量管理体系认证、ISO 14001 环境管理体系认证、QC08000有害物质过程管理体系认证。公司生产的压敏电阻器获得了UL、TÜV、CQC国家 安规等级证书；安规陶瓷电容获得了UL、CQC、VDE、CSA、ENEC、KC国家安规等级证书；安规 X2产品获得了UL、CQC、VDE、CSA、ENEC国家 安规等级证书及热敏电阻器获得了UL、CQC、TÜV 国家安规证书。科学的管理方法、先进的生产设备和一流的技术支援，专业为开关电源、家电、节能灯、显示器、整流器、音响、仪器仪表及电子设备 实行全系配套服务。

Shenzhen Haotian Electronic Co.,Ltd. is a high-tech enterprise specializing in the production of Chip Y Capacitors, Zinc Oxide Varistors, Fixed Capacitors for Electromagnetic Interference Suppression (Y and X2 Series), and Direct Thermal NTC (Negative Temperature Coefficient) Thermistors.

The company has passed ISO9001 quality management system certification, ISO 14001 environmental management system certification, and QC08000 harmful substances process management system certification. The company has obtained UL, TÜV, CQC national safety certificates for varistors, UL, CQC, VDE, CSA, ENEC, KC national safety certificates for ceramic capacitors, UL, CQC, VDE, CSA, ENEC national safety certificates for safety X2 products and UL, CQC, TÜV national safety certificates for thermistors. safety certificates of UL, CQC, TÜV for thermistors. With scientific management method, advanced production equipment and first-class technical support, we specialize in the implementation of a full range of supporting services for switching power supplies, home appliances, energy-saving lamps, displays, rectifiers, audio, instruments and electronic equipment.

产品类别



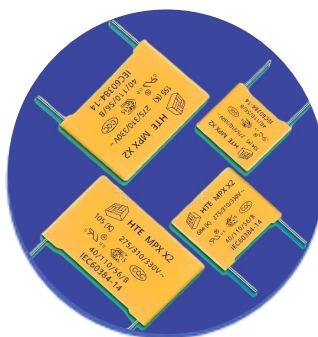
贴片Y系列电容器

SMD (Surface Mount Device)
Y-series Capacitors



抑制电源电磁干扰用固定电容器-Y电容

Fixed capacitor for
electromagnetic interference
suppression and connection to
the supply mains-Y series



抑制电源电磁干扰用固定电容器-X2电容

Fixed capacitor for electromagnetic
interference suppression and
connection to the supply
mains-X2 series



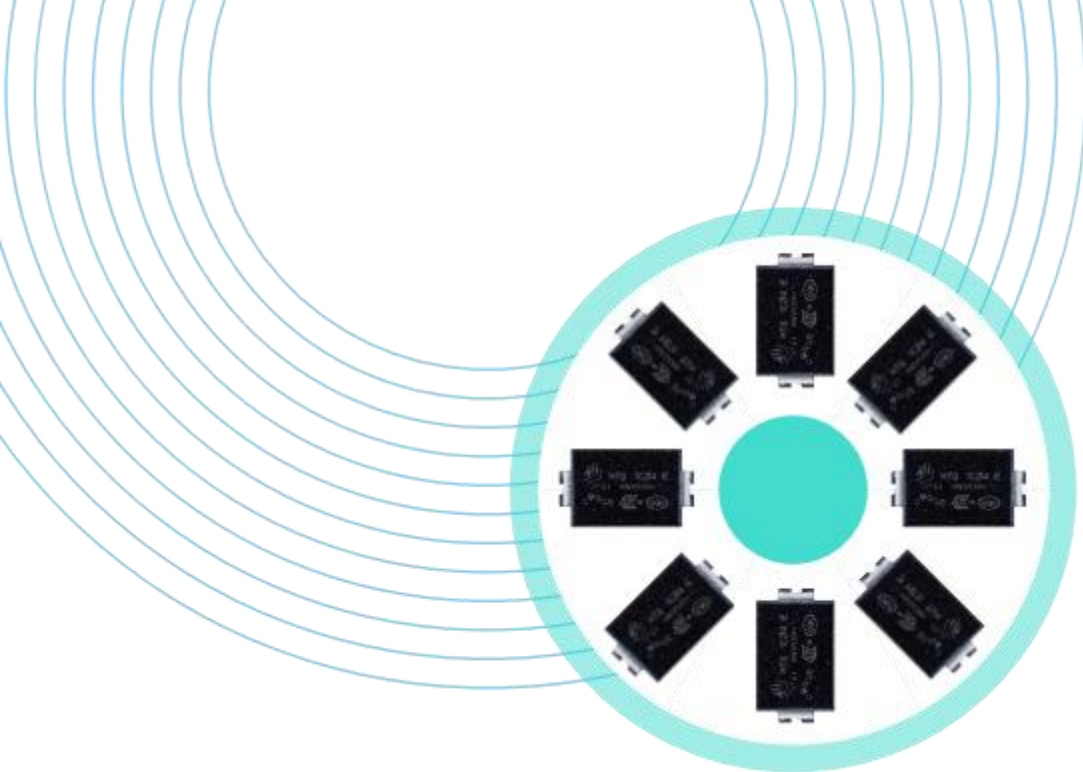
直热式负温度系数 热敏电阻器

Directly heated negative
temperature coefficient
thermistors



压敏电阻器

Varistor



贴片系列 SMD-Series

贴片Y系列电容器，采用芯片水平焊接的方式，模具塑胶封装电容本体，使得其外形尺寸标准统一，节省了内部空间，提高生产效率，优化产品一致性。贴片Y电容具有体积小、重量轻、可靠性高、抗振能量强、焊点缺陷率低、高频特性好、耐热性好、减少了电磁和射频干扰等特点；贴片产品可有效应用于贴片机快速生产，提高客户端装配效率、节省人工等优点。

The SMDY-series capacitors employ a chip-level horizontal soldering method, and the capacitor body is encapsulated with molded plastic, resulting in standardized and uniform external dimensions, saving internal space, improving production efficiency, and optimizing product consistency. The SMDY-capacitors are characterized by small size, light weight, high reliability, strong anti-vibration capability, low solder joint defect rate, excellent high-frequency characteristics, good heat resistance, and reduced electromagnetic and radio frequency interference. The SMD products can be effectively applied to the rapid production of SMT machines, improving client-side assembly efficiency and saving labor costs.

贴片Y电容采用高Q低损芯片技术，产品稳定性、可靠性更优。电路中抑制共模干扰，用于跨接—二次侧。

The SMD Y-capacitors employ high-Q low-loss chip technology, resulting in superior product stability and reliability. They are used to suppress common-mode interference in circuits and are applied for bridging between the primary and secondary sides.

贴片安规Y电容器

HTS SMD-Y1X2/Y2 X1.CAP 10PF~2200PF

温度特性 (Temperature characteristic): SL、B、E、F

容量偏差 (Tolerance): J(+5%)、K(±10%)、M(±20%)

认证电压 (Voltage): 250-500VAC





贴片系列产品选型表

SMD Series Product Selection Table

序号 No	编码 P.N	规格型号 Specification type	温度特性 Temp. Char.	允差 Tolerance	封装尺寸 Package code
1	HTSY2100J	SMD-Y1SL100J/AC250V	SL	J($\pm 5\%$)	8055 (8.0*5.5*2.4MM)
2	HTSY2120J	SMD-Y1SL120J/AC250V	SL	J($\pm 5\%$)	
3	HTSY2150J	SMD-Y1SL150J/AC250V	SL	J($\pm 5\%$)	
4	HTSY2180J	SMD-Y1SL180J/AC250V	SL	J($\pm 5\%$)	
5	HTSY2220J	SMD-Y1SL220J/AC250V	SL	J($\pm 5\%$)	
6	HTSY2270J	SMD-Y1SL270J/AC250V	SL	J($\pm 5\%$)	
7	HTSY2330J	SMD-Y1SL330J/AC250V	SL	J($\pm 5\%$)	
8	HTSY2390J	SMD-Y1SL390J/AC250V	SL	J($\pm 5\%$)	
9	HTSY2470J	SMD-Y1SL470J/AC250V	SL	J($\pm 5\%$)	
10	HTSY2510J	SMD-Y1SL510J/AC250V	SL	J($\pm 5\%$)	
11	HTSY2560J	SMD-Y1SL560J/AC250V	SL	J($\pm 5\%$)	
12	HTSY2620J	SMD-Y1SL620J/AC250V	SL	J($\pm 5\%$)	
13	HTSY2680J	SMD-Y1SL680J/AC250V	SL	J($\pm 5\%$)	
14	HTSY2750J	SMD-Y1SL750J/AC250V	SL	J($\pm 5\%$)	
15	HTSY2820J	SMD-Y1SL820J/AC250V	SL	J($\pm 5\%$)	
16	HTSY2101K	SMD-Y1Y5P101K/AC250V	Y5P	K($\pm 10\%$)	
17	HTSY2121K	SMD-Y1Y5P121K/AC250V	Y5P	K($\pm 10\%$)	
18	HTSY2151K	SMD-Y1Y5P151K/AC250V	Y5P	K($\pm 10\%$)	
19	HTSY2181K	SMD-Y1Y5P181K/AC250V	Y5P	K($\pm 10\%$)	
20	HTSY2221K	SMD-Y1Y5P221K/AC250V	Y5P	K($\pm 10\%$)	
21	HTSY2331K	SMD-Y1Y5P331K/AC250V	Y5P	K($\pm 10\%$)	
22	HTSY2391K	SMD-Y1Y5P391K/AC250V	Y5P	K($\pm 10\%$)	
23	HTSY2471K	SMD-Y1Y5P471K/AC250V	Y5P	K($\pm 10\%$)	
24	HTSY2561K	SMD-Y1Y5P561K/AC250V	Y5P	K($\pm 10\%$)	
25	HTSY2681K	SMD-Y1Y5P681K/AC250V	Y5P	K($\pm 10\%$)	
26	HTSY2681K/M	SMD-Y1Y5U681K/M/AC250V	Y5U	K($\pm 10\%$) M($\pm 20\%$)	
27	HTSY2751K/M	SMD-Y1Y5U751K/M/AC250V	Y5P	K($\pm 10\%$) M($\pm 20\%$)	
28	HTSY2821K/M	SMD-Y1Y5U821K/M/AC250V	Y5U	K($\pm 10\%$) M($\pm 20\%$)	
29	HTSY2102M	SMD-Y1Y5U102M/AC250V	Y5U	K($\pm 10\%$) M($\pm 20\%$)	
30	HTSY2102M	SMD-Y1Y5V102M/AC250V	Y5V	M($\pm 20\%$)	
31	HTSY2122M	SMD-Y1Y5V122M/AC250V	Y5V	M($\pm 20\%$)	
32	HTSY2152M	SMD-Y1Y5V152M/AC250V	Y5V	M($\pm 20\%$)	
33	HTSY2182M	SMD-Y1Y5V182M/AC250V	Y5V	M($\pm 20\%$)	
34	HTSY2222M	SMD-Y1Y5V222M/AC250V	Y5V	M($\pm 20\%$)	

备注：具体参数以规格书为准

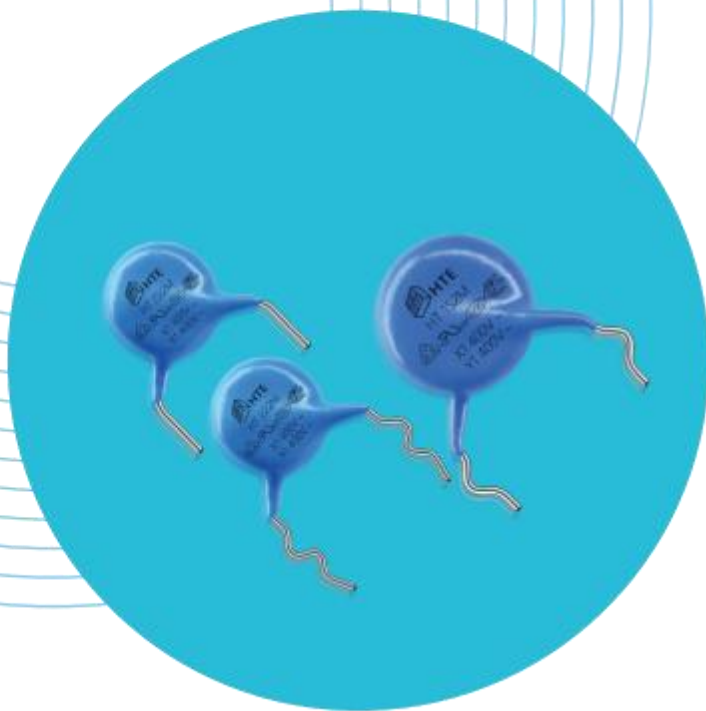


贴片系列产品选型表

SMD Series Product Selection Table

序号 No	编码 P.N	规格型号 Specification type	温度特性 Temp. Char.	允差 Tolerance	封装尺寸 Package code
1	HTSY1100J	SMD-Y1SL100J/AC400V	SL	J($\pm 5\%$)	8055 (8.0*5.5*2.4MM)
2	HTSY1120J	SMD-Y1SL120J/AC400V	SL	J($\pm 5\%$)	
3	HTSY1150J	SMD-Y1SL150J/AC400V	SL	J($\pm 5\%$)	
4	HTSY1180J	SMD-Y1SL180J/AC400V	SL	J($\pm 5\%$)	
5	HTSY1220J	SMD-Y1SL220J/AC400V	SL	J($\pm 5\%$)	
6	HTSY1270J	SMD-Y1SL270J/AC400V	SL	J($\pm 5\%$)	
7	HTSY1330J	SMD-Y1SL330J/AC400V	SL	J($\pm 5\%$)	
8	HTSY1390J	SMD-Y1SL390J/AC400V	SL	J($\pm 5\%$)	
9	HTSY1470J	SMD-Y1SL470J/AC400V	SL	J($\pm 5\%$)	
10	HTSY1510J	SMD-Y1SL510J/AC400V	SL	J($\pm 5\%$)	
11	HTSY1560J	SMD-Y1SL560J/AC400V	SL	J($\pm 5\%$)	
12	HTSY1620J	SMD-Y1SL620J/AC400V	SL	J($\pm 5\%$)	
13	HTSY1680J	SMD-Y1SL680J/AC400V	SL	J($\pm 5\%$)	
14	HTSY1750J	SMD-Y1SL750J/AC400V	SL	J($\pm 5\%$)	
15	HTSY1820J	SMD-Y1SL820J/AC400V	SL	J($\pm 5\%$)	
16	HTSY1101K	SMD-Y1Y5P101K/AC400V	Y5P	K($\pm 10\%$)	
17	HTSY1121K	SMD-Y1Y5P121K/AC400V	Y5P	K($\pm 10\%$)	
18	HTSY1151K	SMD-Y1Y5P151K/AC400V	Y5P	K($\pm 10\%$)	
19	HTSY1181K	SMD-Y1Y5P181K/AC400V	Y5P	K($\pm 10\%$)	
20	HTSY1221K	SMD-Y1Y5P221K/AC400V	Y5P	K($\pm 10\%$)	
21	HTSY1331K	SMD-Y1Y5P331K/AC400V	Y5P	K($\pm 10\%$)	
22	HTSY1391K	SMD-Y1Y5P391K/AC400V	Y5P	K($\pm 10\%$)	
23	HTSY1471K	SMD-Y1Y5P471K/AC400V	Y5P	K($\pm 10\%$)	
24	HTSY1561K	SMD-Y1Y5P561K/AC400V	Y5P	K($\pm 10\%$)	
25	HTSY1681K	SMD-Y1Y5P681K/AC400V	Y5P	K($\pm 10\%$)	
26	HTSY1681K/M	SMD-Y1Y5U681K/M/AC400V	Y5U	K($\pm 10\%$) M($\pm 20\%$)	
27	HTSY1751K/M	SMD-Y1Y5U751K/M/AC400V	Y5P	K($\pm 10\%$) M($\pm 20\%$)	
28	HTSY1821K/M	SMD-Y1Y5U821K/M/AC400V	Y5U	K($\pm 10\%$) M($\pm 20\%$)	
29	HTSY1102M	SMD-Y1Y5U102M/AC400V	Y5U	K($\pm 10\%$) M($\pm 20\%$)	
30	HTSY1102M	SMD-Y1Y5V102M/AC400V	Y5V	M($\pm 20\%$)	
31	HTSY1122M	SMD-Y1Y5V122M/AC400V	Y5V	M($\pm 20\%$)	
32	HTSY1152M	SMD-Y1Y5V152M/AC400V	Y5V	M($\pm 20\%$)	
33	HTSY1182M	SMD-Y1Y5V182M/AC400V	Y5V	M($\pm 20\%$)	
34	HTSY1222M	SMD-Y1Y5V222M/AC400V	Y5V	M($\pm 20\%$)	

备注：具体参数以规格书为准



抑制电源电磁干扰用固定电容器-Y电容

Fixed capacitor for electromagnetic interference suppression and connection to the supply mains-Y series

特性：

1. 抑制电源电磁干扰用电器应适用于电子在电容器失效时不会导致电击危险。
2. 该电容器具有安全性、交流实验电压高、介质损耗低的特点。

Characteristics:

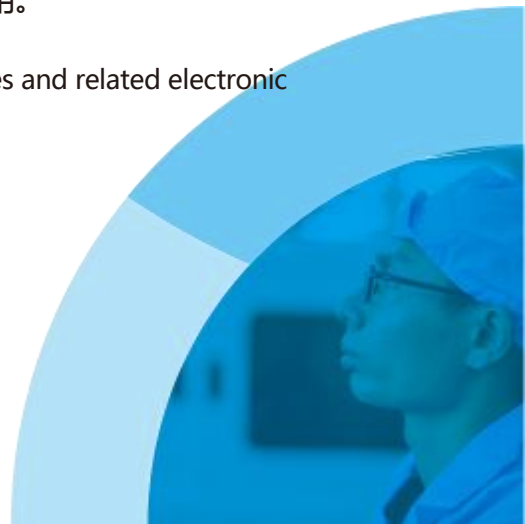
1. The electrical appliances for suppressing power electromagnetic interference should be applicable to ensure no electric shock hazard when the capacitor fails.
2. capacitor features safety, high AC test voltage, and low dielectric loss.

用途：

可作为跨电源线以及有关电子设备的交流电路中作耦合、旁路之用。

Purpose:

It can be used for coupling and bypassing in AC circuits across power lines and related electronic equipment.

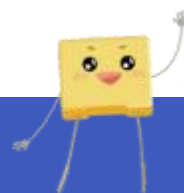
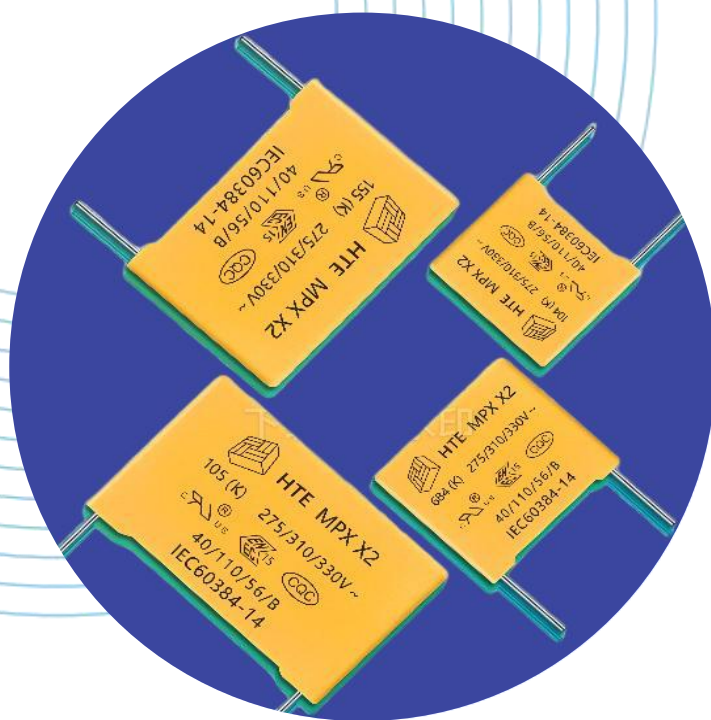




抑制电源电磁干扰用固定电容器-Y电容

AC Ceramic Capacitor

类型 Class	温度特性 Temp. Char.	标称容量 Normal Capacitance		允差 Tolerance	尺寸Dimensions (mm)				
					D (max.)	T (max.)	F (±1.0)	d (±0.05)	
X1 Y2	SL	10	10PF	K(±10%)	7	4.5	7.5 (or 10)	0.55or0.6	
		20	20PF						
		22	22PF						
		33	33PF						
		47	47PF						
		68	68PF						
	Y5P(B)	101	100PF		8				
		151	150PF						
		221	220PF						
		331	330PF						
		471	470PF						
		681	680PF						
	Y5U(E)	102	1000PF	K(±10%)	7				
		331	330PF						
		471	470PF						
		681	680PF						
		102	1000PF						
		152	1500PF						
		222	2200PF						
		332	3300PF						
	SL	472	4700PF		11				
		152	1500PF						
		222	2200PF						
		332	3300PF						
		472	4700PF						
		103	10000PF						
X1 Y1	Y5P(B)	10	10PF	M(±20%)		5.5	10 (or 7.5)	0.55or0.6	
		20	20PF						
		22	22PF						
		33	33PF						
		47	47PF						
		68	68PF						
	Y5U(E)	101	100PF						
		151	150PF						
		221	220PF						
		331	330PF						
		471	470PF						
		681	680PF						
		102	1000PF						
		152	1500PF						
	Y5V(F)	222	2200PF	M(±20%)	10				
		471	470PF		10				
		681	680PF		13				
		102	1000PF		15				
		152	1500PF		8				
		222	2200PF		8				
	Y5V(F)	102	1000PF		7				
		152	1500PF						8
		222	2200PF						8
		332	3300PF						10
		472	4700PF						10
									10



抑制电源电磁干扰用固定电容器-X2电容

Fixed capacitor for electromagnetic interference suppression and connection to the supply mains-X2 series

特性：

1. 抑制电源电磁干扰用电器应适用于电子在电容器失效时不会导致电击危险。
2. 该电容器具有安全性、交流实验电压高、介质损耗低的特点。

Characteristics:

1. The electrical appliances for suppressing power electromagnetic interference should be applicable to ensure no electric shock hazard when the capacitor fails.
2. capacitor features safety, high AC test voltage, and low dielectric loss.

用途：

可作为跨电源线以及有关电子设备的交流电路中作耦合、旁路之用。

Purpose:

It can be used for coupling and bypassing in AC circuits across power lines and related electronic equipment.

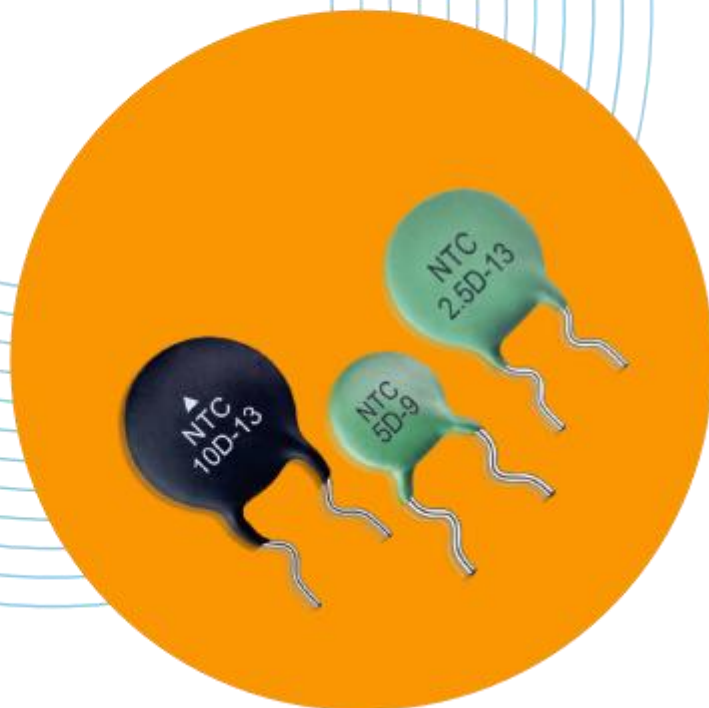




抑制电源电磁干扰用固定电容器-X2电容

Fixed Capacitor

序号 No	规格型号 Specification type	尺寸 Dimensions (mm)					备注
		P+/-0.5	W+/-0.5	H+/-0.5	T+/-0.5	d+/-0.08	
1	103K/275VAC	7.5	10	9	4	0.5	耐电压 800VDC
2	223K/275VAC	7.5	10	9	4	0.5	
3	333K/275VAC	7.5	10	9	4	0.5	
4	473K/275VAC	7.5	10	9	4	0.5	
5	683K/275VAC	7.5	10	9	4	0.5	
6	104K/275VAC	7.5	10	9	4	0.5	
7	103K/275VAC	10	13	11	5	0.6	
8	223K/275VAC	10	13	11	5	0.6	
9	333K/275VAC	10	13	11	5	0.6	
10	473K/275VAC	10	13	11	5	0.6	
11	683K/275VAC	10	13	12	6	0.6	
12	104K/275VAC	10	13	12	6	0.6	
13	154K/275VAC	10	13	12	6	0.6	
14	224K/275VAC	10	13	12	6	0.6	
15	154K/275VAC	10	13	14	8	0.75	
16	224K/275VAC	10	13	14	8	0.75	
17	334K/275VAC	10	13	14	8	0.75	
18	474K/275VAC	10	12	16	8	0.6	
19	104K/275VAC	15	18	12	6	0.75	
20	154K/275VAC	15	18	12	6	0.75	
21	224K/275VAC	15	18	12	6	0.75	
22	334K/275VAC	15	18	13	6.3	0.75	
23	334K/275VAC	15	18	13.5	7.5	0.75	
24	334K/275VAC	15	18	14.5	8.5	0.75	
25	474K/275VAC	15	18	13.5	7.5	0.75	
26	474K/275VAC	15	18	14.5	8.5	0.75	
27	474K/275VAC	15	18	16	10	0.75	
28	474K/275VAC	22.5	26.5	17	8.5	0.75	
29	564K/275VAC	15	18	14.5	8.5	0.75	
30	564K/275VAC	22.5	26.5	17	8.5	0.75	
31	684K/275VAC	15	18	14.5	8.5	0.75	
32	684K/275VAC	15	18	16	10	0.75	
33	684K/275VAC	15	18	19	11	0.75	
34	684K/275VAC	22.5	26.5	17	8.5	0.75	
35	105K/275VAC	15	18	19	11	0.75	
36	105K/275VAC	22.5	26.5	17	8.5	0.75	
37	125K/275VAC	22.5	26.5	19	10	0.75	
38	125K/275VAC	22.5	26	20	11	0.75	
39	155K/275VAC	15	18	19	11	0.75	
40	155K/275VAC	22.5	26	20	11	0.75	
41	185K/275VAC	22.5	26	20	11	0.75	
42	225K/275VAC	22.5	26	22	12	0.75	
43	225K/275VAC	27.5	31	25	14	0.75	
44	255K/275VAC	27.5	31	25	14	0.75	
45	335K/275VAC	27.5	31	25	14	0.75	



直热式负温度系数热敏电阻器



Directly heated negative temperature coefficient thermistors

特性：

1. 灵敏度高，电阻温度系数大
2. 工作温度范围宽
3. 体积小，使用方便
4. 稳定性好，过载能力强

Characteristics:

1. High sensitivity, large temperature coefficient of resistance
2. Wide operating temperature range
3. Small size, convenient to use
4. Good stability, strong overload capability

用途：

应用于电子线路元件仪表线路温度补偿和温差电偶冷端温度补偿。

Purpose:

Applied to electronic circuit element instrument circuit temperature compensation and thermocouple cold end temperature compensation.





直热式负温度系数热敏电阻器

Directly heated negative temperature coefficient thermistors

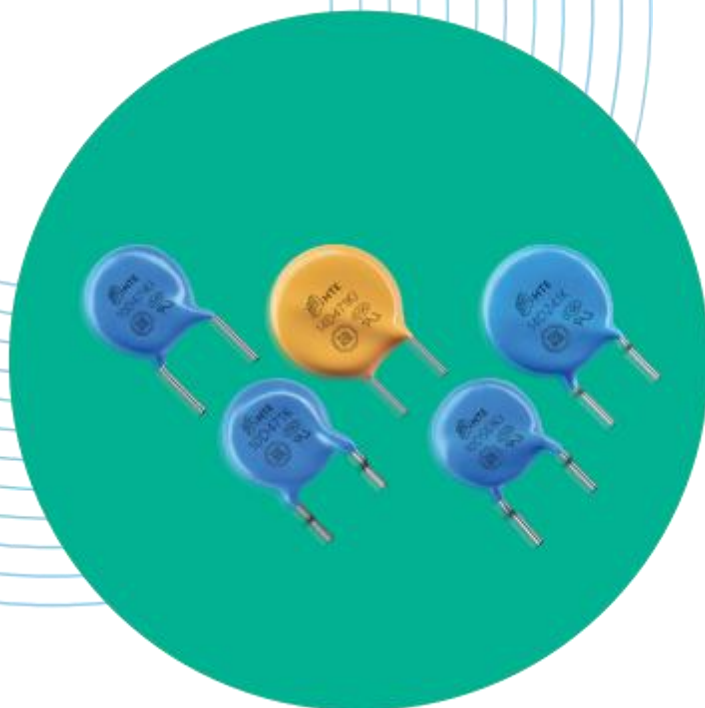
No.	Model	$R_{25}(\Omega)$	$B_{25/85}(K)$	$I_{max25}(A)$	No.	Model	$R_{25}(\Omega)$	$B_{25/85}(K)$	$I_{max25}(A)$
1	MF72 5D-5M	5	2700	1	48	MF72 20D-9M	20	3000	1
2	MF72 6D-5M	6	2700	0,7	49	MF72 22D-9M	22	3000	1
3	MF72 7D-5M	7	2700	0,7	50	MF72 25D-9M	25	3000	1
4	MF72 8D-5M	8	2700	0,7	51	MF72 30D-9M	30	3000	1
5	MF72 10D-5M	10	2700	0,7	52	MF72 33D-9M	33	3000	1
6	MF72 12D-5M	12	2800	0,6	53	MF72 50D-9M	50	3100	1
7	MF72 15D-5M	15	2800	0,6	54	MF72 60D-9M	60	3100	0,8
8	MF72 16D-5M	16	2800	0,6	55	MF72 80D-9M	80	3200	0,8
9	MF72 18D-5M	18	2800	0,6	56	MF72 100D-9M	100	3200	0,8
10	MF72 20D-5M	20	2800	0,6	57	MF72 120D-9M	120	3200	0,8
11	MF72 22D-5M	22	2800	0,6	58	MF72 200D-9M	200	3200	0,5
12	MF72 25D-5M	25	2800	0,5	59	MF72 400D-9M	400	3300	0,2
13	MF72 30D-5M	30	2800	0,5	60	MF72 1D-11M	1	2600	5
14	MF72 33D-5M	33	2800	0,5	61	MF72 1.5D-11M	1,5	2600	5
15	MF72 50D-5M	50	3000	0,4	62	MF72 2D-11M	2	2700	5
16	MF72 60D-5M	60	3000	0,3	63	MF72 2.2D-11M	2,2	2700	5
17	MF72 2.5D-7M	2.5	2600	3	64	MF72 2.5D-11M	2,5	2700	5
18	MF72 3D-7M	3	2700	3	65	MF72 3D-11M	3	2700	5
19	MF72 4D-7M	4	2700	2	66	MF72 4D-11M	4	2700	4
20	MF72 5D-7M	5	2700	2	67	MF72 5D-11M	5	2700	4
21	MF72 6D-7M	6	2700	2	68	MF72 6D-11M	6	2700	3
22	MF72 7D-7M	7	2700	2	69	MF72 7D-11M	7	2800	3
23	MF72 8D-7M	8	2800	1	70	MF72 8D-11M	8	2800	3
24	MF72 10D-7M	10	2800	1	71	MF72 10D-11M	10	2800	3
25	MF72 12D-7M	12	2800	0,7	72	MF72 12D-11M	12	2800	2
26	MF72 15D-7M	15	3000	0,7	73	MF72 15D-11M	15	3000	2
27	MF72 16D-7M	16	3000	0,7	74	MF72 16D-11M	16	3000	2
28	MF72 18D-7M	18	3000	0,7	75	MF72 18D-11M	18	3000	2
29	MF72 20D-7M	20	3000	0,6	76	MF72 20D-11M	20	3000	2
30	MF72 22D-7M	22	3000	0,6	77	MF72 22D-11M	22	3000	2
31	MF72 25D-7M	25	3000	0,5	78	MF72 25D-11M	25	3000	1,5
32	MF72 30D-7M	30	3000	0,5	79	MF72 30D-11M	30	3000	1,5
33	MF72 33D-7M	33	3000	0,5	80	MF72 33D-11M	33	3000	1,5
34	MF72 50D-7M	50	3000	0,3	81	MF72 47D-11M	47	3200	2
35	MF72 1.5D-9M	1,5	2600	4	82	MF72 50D-11M	50	3200	2
36	MF72 2.5D-9M	2,5	2700	4	83	MF72 60D-11M	60	3200	1
37	MF72 3D-9M	3	2700	4	84	MF72 80D-11M	80	3200	1
38	MF72 4D-9M	4	2700	3	85	MF72 100D-11M	100	3200	0,8
39	MF72 5D-9M	5	2700	3	86	MF72 120D-11M	120	3200	0,8
40	MF72 6D-9M	6	2700	2	87	MF72 200D-11M	200	3200	0,6
41	MF72 7D-9M	7	2800	2	88	MF72 400D-11M	400	3300	0,3
42	MF72 8D-9M	8	2800	2	89	MF72 1.3D-13M	1,3	2700	7
43	MF72 10D-9M	10	2800	2	90	MF72 1.5D-13M	1,5	2700	7
44	MF72 12D-9M	12	2800	1	91	MF72 2.5D-13M	2,5	2700	6
45	MF72 15D-9M	15	3000	1	92	MF72 3D-13M	3	2700	6
46	MF72 16D-9M	16	3000	1	93	MF72 4D-13M	4	2700	5
47	MF72 18D-9M	18	3000	1	94	MF72 4.7D-13M	4,7	2800	5



直热式负温度系数热敏电阻器

Directly heated negative temperature coefficient thermistors

No.	Model	$R_{25}(\Omega)$	$B_{25/85}(K)$	$I_{max25}(A)$	No.	Model	$R_{25}(\Omega)$	$B_{25/85}(K)$	$I_{max25}(A)$
95	MF72 5D-13M	5	2800	5	143	MF72 120D-15M	120	3200	1,5
96	MF72 6D-13M	6	2800	4	144	MF72 0.7D-20M	0,7	2700	11
97	MF72 6.8D-13M	6,8	3000	4	145	MF72 1D-20M	1	2700	10
98	MF72 7D-13M	7	3000	4	146	MF72 1.3D-20M	1,3	2700	9
99	MF72 8D-13M	8	3000	4	147	MF72 2.2D-20M	2,2	2800	8
100	MF72 10D-13M	10	3000	4	148	MF72 2.5D-20M	2,5	2800	8
101	MF72 12D-13M	12	3000	3	149	MF72 3D-20M	3	2800	8
102	MF72 15D-13M	15	3100	3	150	MF72 4D-20M	4	3000	7
103	MF72 16D-13M	16	3100	3	151	MF72 5D-20M	5	3000	7
104	MF72 18D-13M	18	3200	3	152	MF72 6D-20M	6	3000	6
105	MF72 20D-13M	20	3200	3	153	MF72 6.8D-20M	6,8	3000	6
106	MF72 22D-13M	22	3200	3	154	MF72 7D-20M	7	3000	6
107	MF72 25D-13M	25	3200	2	155	MF72 8D-20M	8	3000	6
108	MF72 30D-13M	30	3200	2	156	MF72 10D-20M	10	3000	6
109	MF72 33D-13M	33	3200	2	157	MF72 12D-20M	12	3200	5
110	MF72 47D-13M	47	3200	2	158	MF72 15D-20M	15	3200	5
111	MF72 50D-13M	50	3200	2	159	MF72 16D-20M	16	3200	5
112	MF72 60D-13M	60	3200	2	160	MF72 18D-20M	18	3200	4
113	MF72 80D-13M	80	3200	1,5	161	MF72 20D-20M	20	3200	4
114	MF72 100D-13M	100	3200	1	162	MF72 25D-20M	25	3200	4
115	MF72 120D-13M	120	3200	1	163	MF72 30D-20M	30	3200	4
116	MF72 1.3D-15M	1,3	2700	8	164	MF72 33D-20M	33	3200	4
117	MF72 1.5D-15M	1,5	2700	8	165	MF72 50D-20M	50	3200	4
118	MF72 2.5D-15M	2,5	2700	7	166	MF72 60D-20M	60	3200	4
119	MF72 3D-15M	3	2700	7	167	MF72 0.5D-25M	0,5	2700	12
120	MF72 4D-15M	4	2700	6	168	MF72 0.7D-25M	0,7	2700	12
121	MF72 4.7D-15M	4,7	2800	6	169	MF72 1D-25M	1	2700	11
122	MF72 5D-15M	5	2800	6	170	MF72 1.3D-25M	1,3	2700	10
123	MF72 6D-15M	6	2800	5	171	MF72 2.2D-25M	2,2	2800	9
124	MF72 6.8D-15M	6,8	3000	5	172	MF72 2.5D-25M	2,5	2800	9
125	MF72 7D-15M	7	3000	5	173	MF72 3D-25M	3	2800	9
126	MF72 8D-15M	8	3000	5	174	MF72 4D-25M	4	3000	8
127	MF72 10D-15M	10	3000	5	175	MF72 5D-25M	5	3000	8
128	MF72 12D-15M	12	3000	4	176	MF72 6D-25M	6	3000	7
129	MF72 15D-15M	15	3200	4	177	MF72 7D-25M	7	3000	7
130	MF72 16D-15M	16	3200	4	178	MF72 8D-25M	8	3000	7
131	MF72 18D-15M	18	3200	4	179	MF72 10D-25M	10	3000	7
132	MF72 20D-15M	20	3200	4	180	MF72 12D-25M	12	3200	6
133	MF72 22D-15M	22	3200	4	181	MF72 15D-25M	15	3200	6
134	MF72 25D-15M	25	3200	3	182	MF72 16D-25M	16	3200	6
135	MF72 30D-15M	30	3200	3	183	MF72 18D-25M	16	3200	6
136	MF72 33D-15M	33	3200	3	184	MF72 20D-25M	20	3200	5
137	MF72 40D-15M	40	3200	3	185	MF72 25D-25M	25	3200	5
138	MF72 47D-15M	47	3200	3	186	MF72 30D-25M	30	3200	5
139	MF72 50D-15M	50	3200	3	187	MF72 33D-25M	33	3200	5
140	MF72 60D-15M	60	3200	3	188	MF72 50D-25M	50	3200	5
141	MF72 80D-15M	80	3200	2	189	MF72 60D-25M	60	3200	5
142	MF72 100D-15M	100	3200	1,5					



压敏电阻器 Varistor

特性：

1. 符合RoHS，无卤要求
2. 工作电压范围: 11Vac ~ 1100Vac
3. 使用温度范围: -40°C ~ +130°C
4. 安规认证: UL / TUV/CQC

Features:

1. Absorption and overvoltage protection of electronic and electrical equipment
2. Operating voltage range: 11Vac ~ 1100Vac
3. Operating temperature range: 40 °C ~ +130 °C
4. Safety certifications: UL / TUV/CQC

用途：

电源供应器、智能控制型电表、家用电器、电力线智能通讯设备工业设备、照明、通信设备、光伏系统。

Applications:

Power supplies, smart control meters, household appliances, power line smart communication equipment, industrial equipment, lighting, communication equipment, Photovoltaic systems.





压敏电阻器：HTE系列规格参数表

Varistor: HTE Series Specification parameter table

HTE-07D 系列		Maximum continuous voltage最大连续使用电压(V)		Nominal varistor voltage标称压敏电阻电压	Clamping Voltage限制电压	Class current 电压等级 8/20μs	Maximum Peak Current 最大峰值电流 (A)		Maoimum Energy 最大能量 (10/1000 μs)	Rated power wattage 额定功率	Capacitance 电容量
Specification type 规格型号							standard 标准品	Highjoule 高焦耳			(Typical)
		A.C	D.C	V _N	V _C	I _p	8/20 μs		J	W	C
HTE-07180	HTE-07D180K	11	14	18 (15-21.5)	40	2.5	250	500	2	0.02	2800
HTE-07220	HTE-07D220K	14	18	22 (19.5-26)	49	2.5	250	500	2.4	0.02	2300
HTE-07270	HTE-07D270K	17	22	27 (24-31)	60	2.5	250	500	3	0.02	1800
HTE-07330	HTE-07D330K	20	26	33 (29.5-36.5)	74	2.5	250	500	3.5	0.02	1500
HTE-07390	HTE-07D390K	25	31	39 (35-43)	87	2.5	250	500	4	0.02	1300
HTE-07470	HTE-07D470K	30	38	47 (42-52)	105	2.5	250	500	5	0.02	1100
HTE-07560	HTE-07D560K	35	45	56 (50-62)	125	2.5	250	500	6	0.02	890
HTE-07680	HTE-07D680K	40	56	68 (61-75)	135	2.5	250	500	7	0.02	740
HTE-07820	HTE-07D820K	50	65	82 (74-90)	140	10	1200	1750	10	0.25	600
HTE-07101	HTE-07D101K	60	85	100 (90-110)	165	10	1200	1750	12	0.25	500
HTE-07121	HTE-07D121K	75	100	120 (108-132)	200	10	1200	1750	13	0.25	420
HTE-07151	HTE-07D151K	95	125	150 (135-165)	250	10	1200	1750	15	0.25	330
HTE-07181	HTE-07D181K	115	150	180 (162-198)	300	10	1200	1750	16	0.25	280
HTE-07201	HTE-07D201K	130	170	200 (185-225)	340	10	1200	1750	17	0.25	250
HTE-07221	HTE-07D221K	140	180	220 (198-242)	360	10	1200	1750	20	0.25	230
HTE-07241	HTE-07D241K	150	200	240 (216-264)	395	10	1200	1750	21	0.25	210
HTE-07271	HTE-07D271K	175	225	270 (243-297)	455	10	1200	1750	24	0.25	185
HTE-07301	HTE-07D301K	190	250	300 (270-330)	500	10	1200	1750	26	0.25	165
HTE-07331	HTE-07D331K	210	275	330 (297-363)	550	10	1200	1750	28	0.25	150
HTE-07361	HTE-07D361K	230	300	360 (324-396)	595	10	1200	1750	32	0.25	140
HTE-07391	HTE-07D391K	250	320	390 (351-429)	650	10	1200	1750	35	0.25	130
HTE-07431	HTE-07D431K	275	350	430 (387-473)	710	10	1200	1750	40	0.25	115
HTE-07471	HTE-07D471K	300	385	470 (423-517)	775	10	1200	1750	42	0.25	105
HTE-07511	HTE-07D511K	320	415	510 (459-561)	845	10	1200	1750	45	0.25	100
HTE-07561	HTE-07D561K	350	460	560 (504-616)	925	10	1200	1750	50	0.25	90
HTE-07621	HTE-07D621K	385	505	620 (558-682)	1025	10	1200	1750	55	0.25	80
HTE-07681	HTE-07D681K	420	560	680 (612-748)	1120	10	1200	1750	60	0.25	75
HTE-07751	HTE-07D751K	460	615	750 (675-825)	1240	10	1200	1750	65	0.25	70
HTE-07781	HTE-07D781K	485	640	780 (702-858)	1290	10	1200	1750	70	0.25	65
HTE-07821	HTE-07D821K	510	670	820 (738-902)	1355	10	1200	1750	73	0.25	60



压敏电阻器：HTE系列规格参数表

Varistor: HTE Series Specification parameter table

HTE-10D 系列		Maximum continuous voltage最大连续使用电压(V)		Nominal varistor voltage标称压敏电阻电压	Clamping Voltage限制电压	Class current电压等级8/20μs	Maximum Peak Current最大峰值电流 (A)			Maoimum Energy最大能量 (10/1000 μs)	Rated power wattage额定功率	Capacitance电容量
Specification type规格型号							standard标准品	Highjoule高焦耳	6KV3KA			(Typical)
												pF
		A.C	D.C	V _N	V _C	I _p	8/20 μs			J	W	C
HTE-10180	HTE-10D180K	11	14	18 (15-21.5)	40	5	500	1000		3	0.05	5600
HTE-10220	HTE-10D220K	14	18	22 (19.5-26)	49	5	500	1000		5	0.05	4500
HTE-10270	HTE-10D270K	17	22	27 (24-31)	60	5	500	1000		6	0.05	3700
HTE-10330	HTE-10D330K	20	26	33 (29.5-36.5)	74	5	500	1000		7	0.05	3000
HTE-10390	HTE-10D390K	25	31	39 (35-43)	87	5	500	1000		9	0.05	2400
HTE-10470	HTE-10D470K	30	38	47 (42-52)	105	5	500	1000		11	0.05	2100
HTE-10560	HTE-10D560K	35	45	56 (50-62)	125	5	500	1000		13	0.05	1800
HTE-10680	HTE-10D680K	40	56	68 (61-75)	135	5	500	1000		15	0.05	1500
HTE-10820	HTE-10D820K	50	65	82 (74-90)	140	25	2500	3500		17	0.4	1200
HTE-10101	HTE-10D101K	60	85	100 (90-110)	165	25	2500	3500		18	0.4	1000
HTE-10121	HTE-10D121K	75	100	120 (108-132)	200	25	2500	3500		21	0.4	830
HTE-10151	HTE-10D151K	95	125	150 (135-165)	250	25	2500	3500		25	0.4	670
HTE-10181	HTE-10D181K	115	150	180 (162-198)	300	25	2500	3500	30	0.4	560	
HTE-10201	HTE-10D201K	130	170	200 (185-225)	340	25	2500	3500	40次-印字带J	35	0.4	500
HTE-10221	HTE-10D221K	140	180	220 (198-242)	360	25	2500	3500		39	0.4	450
HTE-10241	HTE-10D241K	150	200	240 (216-264)	395	25	2500	3500		42	0.4	420
HTE-10271	HTE-10D271K	175	225	270 (243-297)	455	25	2500	3500		49	0.4	370
HTE-10301	HTE-10D301K	190	250	300 (270-330)	500	25	2500	3500		55	0.4	330
HTE-10331	HTE-10D331K	210	275	330 (297-363)	550	25	2500	3500		58	0.4	300
HTE-10361	HTE-10D361K	230	300	360 (324-396)	595	25	2500	3500		65	0.4	280
HTE-10391	HTE-10D391K	250	320	390 (351-429)	650	25	2500	3500		70	0.4	260
HTE-10431	HTE-10D431K	275	350	430 (387-473)	710	25	2500	3500		80	0.4	230
HTE-10471	HTE-10D471K	300	385	470 (423-517)	775	25	2500	3500		85	0.4	210
HTE-10511	HTE-10D511K	320	415	510 (459-561)	845	25	2500	3500		90	0.4	200
HTE-10561	HTE-10D561K	350	460	560 (504-616)	925	25	2500	3500		92	0.4	180
HTE-10621	HTE-10D621K	385	505	620 (558-682)	1025	25	2500	3500		95	0.4	160
HTE-10681	HTE-10D681K	420	560	680 (612-748)	1120	25	2500	3500		98	0.4	150
HTE-10751	HTE-10D751K	460	615	750 (675-825)	1240	25	2500	3500		100	0.4	130
HTE-10781	HTE-10D781K	485	640	780 (702-858)	1290	25	2500	3500		105	0.4	125
HTE-10821	HTE-10D821K	510	670	820 (738-902)	1355	25	2500	3500	110	0.4	120	
HTE-10911	HTE-10D911K	550	745	910 (819-1001)	1500	25	2500	3500	130	0.4	110	
HTE-10102	HTE-10D102K	625	825	1000 (900-1100)	1650	25	2500	3500	140	0.4	100	
HTE-10112	HTE-10D112K	680	895	1100 (990-1210)	1815	25	2500	3500	155	0.4	90	



压敏电阻器：HTE系列规格参数表

Varistor: HTE Series Specification parameter table

HTE-14D 系列 Specification type 规格型号		Maximum continuous voltage最大连续使用电压(V)		Nominal varistor voltage标称压敏电阻电压	Clamping Voltage限制电压	Class current voltage等级8/20μs	Maximum Peak Current最大峰值电流 (A)			Maoimum Energy最大能量 (10/1000 μs)	Rated power wattage额定功率	Capacitance电容量
		A. C	D. C				standard标准品	Highjoule高焦耳	6KV3KA			(Typical)
												pF
		A. C	D. C	V _N	V _C	I _p	8/20 μs			J	W	C
HTE-14180	HTE-14D180K	11	14	18 (15-21.5)	40	10	1000	2000	/	7	0.1	11100
HTE-14220	HTE-14D220K	14	18	22(19.5-26)	49	10	1000	2000		8	0.1	9100
HTE-14270	HTE-14D270K	17	22	27 (24-31)	60	10	1000	2000		10	0.1	7400
HTE-14330	HTE-14D330K	20	26	33 (29.5-36.5)	74	10	1000	2000		12	0.1	6100
HTE-14390	HTE-14D390K	25	31	39 (35-43)	87	10	1000	2000		13	0.1	5100
HTE-14470	HTE-14D470K	30	38	47 (42-52)	105	10	1000	2000		17	0.1	4300
HTE-14560	HTE-14D560K	35	45	56 (50-62)	125	10	1000	2000		20	0.1	3600
HTE-14680	HTE-14D680K	40	56	68 (61-75)	135	10	1000	2000		24	0.1	2900
HTE-14820	HTE-14D820K	50	65	82 (74-90)	140	50	4500	6000		27	0.6	2400
HTE-14101	HTE-14D101K	60	85	100 (90-110)	165	50	4500	6000		33	0.6	2000
HTE-14121	HTE-14D121K	75	100	120 (108-132)	200	50	4500	6000		40	0.6	1700
HTE-14151	HTE-14D151K	95	125	150 (135-165)	250	50	4500	6000		53	0.6	1300
HTE-14181	HTE-14D181K	115	150	180 (162-198)	300	50	4500	6000		60	0.6	1100
HTE-14201	HTE-14D201K	130	170	200 (185-225)	340	50	4500	6000	40次-印字带J	70	0.6	1000
HTE-14221	HTE-14D221K	140	180	220 (198-242)	360	50	4500	6000		78	0.6	900
HTE-14241	HTE-14D241K	150	200	240 (216-264)	395	50	4500	6000		84	0.6	830
HTE-14271	HTE-14D271K	175	225	270 (243-297)	455	50	4500	6000		99	0.6	740
HTE-14301	HTE-14D301K	190	250	300 (270-330)	500	50	4500	6000		108	0.6	670
HTE-14331	HTE-14D331K	210	275	330 (297-363)	550	50	4500	6000		115	0.6	610
HTE-14361	HTE-14D361K	230	300	360 (324-396)	595	50	4500	6000		130	0.6	560
HTE-14391	HTE-14D391K	250	320	390 (351-429)	650	50	4500	6000		140	0.6	510
HTE-14431	HTE-14D431K	275	350	430 (387-473)	710	50	4500	6000		155	0.6	460
HTE-14471	HTE-14D471K	300	385	470 (423-517)	775	50	4500	6000		175	0.6	430
HTE-14511	HTE-14D511K	320	415	510 (459-561)	845	50	4500	6000		180	0.6	390
HTE-14561	HTE-14D561K	350	460	560 (504-616)	925	50	4500	6000		185	0.6	360
HTE-14621	HTE-14D621K	385	505	620 (558-682)	1025	50	4500	6000		190	0.6	320
HTE-14681	HTE-14D681K	420	560	680 (612-748)	1120	50	4500	6000		200	0.6	290
HTE-14721	HTE-14D721K	445	590	720 (648-792)	1185	50	4500	6000		210	0.6	270
HTE-14751	HTE-14D751K	460	615	750 (675-825)	1240	50	4500	6000		220	0.6	260
HTE-14781	HTE-14D781K	485	640	780 (702-858)	1290	50	4500	6000		235	0.6	240
HTE-14821	HTE-14D821K	510	670	820 (738-902)	1355	50	4500	6000		255	0.6	220
HTE-14911	HTE-14D911K	550	745	910 (819-1001)	1500	50	4500	6000		280	0.6	200
HTE-14102	HTE-14D102K	625	825	1000 (900-1100)	1650	50	4500	6000		310	0.6	180
HTE-14112	HTE-14D112K	680	895	1100 (990-1210)	1815	50	4500	6000		324	0.6	160
HTE-14122	HTE-14D122K	750	990	1200 (1080-1320)	1980	50	4500	6000		327	0.6	150
HTE-14142	HTE-14D142K	880	1140	1400 (1260-1540)	2310	50	4500	6000		331	0.6	130
HTE-14162	HTE-14D162K	1000	1280	1600 (1440-1760)	2640	50	4500	6000		335	0.6	140
HTE-14182	HTE-14D182K	1100	1465	1800 (1620-1980)	2970	50	4500	6000		250	0.6	130



压敏电阻器：HTE系列规格参数表

Varistor: HTE Series Specification parameter table

HTE-20D 系列		Maximum continuous voltage最大连续使用电压(V)		Nominal varistor voltage标称压敏电阻电压	Clamping Voltage限制电压	Class current电压等级8/20μs	Maximum Peak Current最大峰值电流 (A)			Maoimum Energy最大能量 (10/1000 μs)	Rated power wattage额定功率	Capacitance电容量			
Specification type规格型号		A.C	D.C				V _N	V _C	I _p			standard标准品	Highjoule高焦耳	10KV5KA	(Typical)
															pF
				V _N	V _C	I _p	8/20 μs			J	W	C			
HTE-20180	HTE-20D180K	11	14	18 (15-21.5)	40	20	2000	3000	/	13	0.2	28500			
HTE-20220	HTE-20D220K	14	18	22(19.5-26)	49	20	2000	3000		16	0.2	18500			
HTE-20270	HTE-20D270K	17	22	27 (24-31)	60	20	2000	3000		19	0.2	13000			
HTE-20330	HTE-20D330K	20	26	33 (29.5-36.5)	74	20	2000	3000		24	0.2	11500			
HTE-20390	HTE-20D390K	25	31	39 (35-43)	87	20	2000	3000		28	0.2	8500			
HTE-20470	HTE-20D470K	30	38	47 (42-52)	105	20	2000	3000		34	0.2	7400			
HTE-20560	HTE-20D560K	35	45	56 (50-62)	125	20	2000	3000		44	0.2	6500			
HTE-20680	HTE-20D680K	40	56	68 (61-75)	135	20	2000	3000		49	0.2	5800			
HTE-20820	HTE-20D820K	50	65	82 (74-90)	140	100	6500	10000		56	1.0	4900			
HTE-20101	HTE-20D101K	60	85	100 (90-110)	165	100	6500	10000		70	1.0	4000			
HTE-20121	HTE-20D121K	75	100	120 (108-132)	200	100	6500	10000		85	1.0	3300			
HTE-20151	HTE-20D151K	95	125	150 (135-165)	250	100	6500	10000		105	1.0	2700			
HTE-20181	HTE-20D181K	115	150	180 (162-198)	300	100	6500	10000		130	1.0	2200			
HTE-20201	HTE-20D201K	130	170	200 (185-225)	340	100	6500	10000	40次-印字带J	140	1.0	2000			
HTE-20221	HTE-20D221K	140	180	220 (198-242)	360	100	6500	10000		155	1.0	1800			
HTE-20241	HTE-20D241K	150	200	240 (216-264)	395	100	6500	10000		168	1.0	1650			
HTE-20271	HTE-20D271K	175	225	270 (243-297)	455	100	6500	10000		190	1.0	1500			
HTE-20301	HTE-20D301K	190	250	300 (270-330)	500	100	6500	10000		210	1.0	1300			
HTE-20331	HTE-20D331K	210	275	330 (297-363)	550	100	6500	10000		228	1.0	1200			
HTE-20361	HTE-20D361K	230	300	360 (324-396)	595	100	6500	10000		255	1.0	1100			
HTE-20391	HTE-20D391K	250	320	390 (351-429)	650	100	6500	10000		275	1.0	1000			
HTE-20431	HTE-20D431K	275	350	430 (387-473)	710	100	6500	10000		305	1.0	930			
HTE-20471	HTE-20D471K	300	385	470 (423-517)	775	100	6500	10000		350	1.0	850			
HTE-20511	HTE-20D511K	320	415	510 (459-561)	845	100	6500	10000		360	1.0	780			
HTE-20561	HTE-20D561K	350	460	560 (504-616)	925	100	6500	10000		380	1.0	710			
HTE-20621	HTE-20D621K	385	505	620 (558-682)	1025	100	6500	10000		390	1.0	650			
HTE-20681	HTE-20D681K	420	560	680 (612-748)	1120	100	6500	10000		400	1.0	600			
HTE-20721	HTE-20D721K	445	590	720 (648-792)	1185	100	6500	10000		420	1.0	530			
HTE-20751	HTE-20D751K	460	615	750 (675-825)	1240	100	6500	10000		440	1.0	510			
HTE-20781	HTE-20D781K	485	640	780 (702-858)	1290	100	6500	10000		460	1.0	500			
HTE-20821	HTE-20D821K	510	670	820 (738-902)	1355	100	6500	10000		510	1.0	440			
HTE-20911	HTE-20D911K	550	745	910 (819-1001)	1500	100	6500	10000		565	1.0	400			
HTE-20102	HTE-20D102K	625	825	1000 (900-1100)	1650	100	6500	10000		620	1.0	360			
HTE-20112	HTE-20D112K	680	895	1100 (990-1210)	1815	100	6500	10000		660	1.0	350			
HTE-20122	HTE-20D122K	750	990	1200 (1080-1320)	1980	100	6500	10000		785	1.0	330			
HTE-20142	HTE-20D142K	880	1140	1400 (1260-1540)	2310	100	6500	10000		896	1.0	300			
HTE-20162	HTE-20D162K	1000	1280	1600 (1440-1760)	2640	100	6500	10000		990	1.0	320			
HTE-20182	HTE-20D182K	1100	1465	1800 (1620-1980)	2970	100	6500	10000		625	1.0	300			

浩田电子成品安全认证

	认证图标	认证机构	证书编号	认证标准	证书内容	发证时间	备注
Y电容证书		UL (美国)	E326483	IEC 60384-14	HTX1Y1 400VAC/ HTC X1400VACorY2 250VAC 25/125/21/B	2016.07.07	Y1、Y2电容 同一个证书号
		VDE (德国)、 ENEC (北欧四国)	40029300	IEC 60384- 14:2013+AMD1:2016	HT X1Y1400VAC 10pF-4700pF K/M 25/125/21/C	2010.02.03	Y1电容 型号:HT
		VDE (德国)、 ENEC (北欧四国)	40039430	IEC 60384- 14:2013+AMD1:2016	HTC X1400VAC/Y2 250VAC 10pF-10000pF K/M 25/125/21/B	2014.02.19	Y2电容 型号:HTC
		CQC (中国)	CQC14001108166	IEC 60384- 14:2013+AMD1:2016(新标准)	HTY1400VAC 10pF-4700pF K/M 25/125/21/C	2024.05.28	Y1电容 型号:HT
		CQC (中国)	CQC14001104872	IEC 60384- 14:2013+AMD1:2016(新标准)	HTC X1400VAC/Y2 250VAC 10pF-10000pF K/M 25/125/21/B	2024.05.28	Y2电容 型号:HTC
	CB	IEC	US-22619-UL	IEC 60384-14	HTX1/Y1400VAC 10pF-4700pF K/M 25/125/21/B	2013.12.03	Y1电容 型号:HT
	CB	IEC	US-22620-UL	IEC 60384-14	HTC X1400VAC/Y2 250VAC 10pF-10000pF K/M 25/125/21/B	2013.12.03	Y2电容 型号:HTC
	KC	韩国	HU03032-17001A	KC 60384-14(2015-09)	HTY1 250V 10PF-4700PF K/M 25/125/21/C	2017.02.24	Y1电容
X2安规证书		UL (美国)	E326483	IEC 60384-14	MPX X2 0.001-10uF 275/310/330VAC K(±10%)orM(±20%) 40/110/56/B	2025.04.22	型号:MPX X2
		美国	ENEC-05317	EN 60384-14 : 2017-04	PX X2 0.001-10uF 275/310/330VAC K(±10%)orM(±20%) 40/110/56/B	2025.05.06	型号:MPX X2
		CQC (中国)	CQC24001435538	IEC 60384-14 : 2005	PX X2 0.001-10uF 275/310/330VAC K(±10%)orM(±20%) 40/110/56/B	2025.04.14	型号:MPX X2
压敏认证		UL (美国)	E509500	IEC 60950-1, Edition 2.2, Annex Q/IEC62368-1 Annex G.8.2	HTE-07D180K-821K(J) HTE-10D180K-112K(J) HTE-10D180K-122K(J) HTE-20D180K-122K(J)	2019.12.03	常规品不带J, 高能带J
		 中国)	7D:CQC19001233113 10D:CQC19001233110 14D:CQC19001233111 20D:CQC19001233112	GB/T 10193-1997; GB/T 10194-1997; GB 4943.1-2022; IEC 61051-2:1991+Amd1:2009	HTE-07D180K-821K(J) HTE-10D180K-112K(J) HTE-10D180K-182K(J) HTE-20D180K-182K(J)	2022.11.15	7D系列无后面 两个认证标准; 常规品不带J, 高能带J
		德国	B 1054940001 Rev.00	EN IEC 61051-1:2018 IEC61051-1:2018 IEC61051-2:2021 IEC61051-2-2:1991 IEC 62368-1:2018 AnnexG 8.1	HTE-07D180K-821K(J) HTE-10D180K-112K(J) HTE-10D180K-182K(J) HTE-20D180K-182K(J)	2020.03.20	常规品不带J, 高能带J
热敏安规证书		UL (美国)	E480639	UL1434	Mf72 yD-x	2015.12.17	
		CQC (中国)	CQC16001138666	GB/T6663.1-2007	Mf72 yD-x	2021.09.15	
		德国	R 50403004	EN 60539-1:2016	Mf72 yD-x	2018.03.22	
贴片Y电容		UL (美国)	E326483	EN 60384-14:2013+A1:2016	Y1X1 or Y2X1, 250/300/400/500 Vac; 50/60Hz; 10 pF to 2200 pF, 55/125/21/B, Capacitance tolerance J(±10%) or K(±10%) or M(±10%)	2024.01.30	型号 HTS
		CQC (中国)	CQC23001411596	EN 60384-14:2013+A1:2016	Y1X1 or Y2X1, 250/300/400/500 Vac; 50/60Hz; 10 pF to 2200 pF, 55/125/21/B, Capacitance tolerance J(±10%) or K(±10%) or M(±10%)	2023.11.21	型号 HTS
	CB	IEC	CN63088	EN 60384-14:2013+A1:2016	Y1X1 or Y2X1, 250/300/400/500 Vac; 50/60Hz; 10 pF to 2200 pF, 55/125/21/B, Capacitance tolerance J(±10%) or K(±10%) or M(±10%)	2023.11.21	型号 HTS
		美国	ENEC-04712	EN 60384-14:2013+A1:2016	Y1X1 or Y2X1, 250/300/400/500 Vac; 50/60Hz; 10 pF to 2200 pF, 55/125/21/B, Capacitance tolerance J(±10%) or K(±10%) or M(±10%)	2024.02.01	型号 HTS
		韩国	HU03032-24002	KC 60384-14(2015-09)	Y1,AC250V, 10pF-2200pF,55/125/21B	2024.11.26	型号 HTS



以人为本 互利共赢

深圳市浩田电子有限公司

Shenzhen Haotian Electronic Co.,Ltd

Add: 深圳市宝安区松岗街道沙浦围茅洲河工业区13栋

13 Building, MaozhouHeIndustrial Zone,
Shapuwei, Songgang, BAOAN, SHENZHEN

Tel: 0755-81455288 8145 5136

Fax: 0755-8145 5126

E-mail: haotian20108@263.net

www.sz-haotian.com