



Thermistor

热敏电阻

MF72 Series

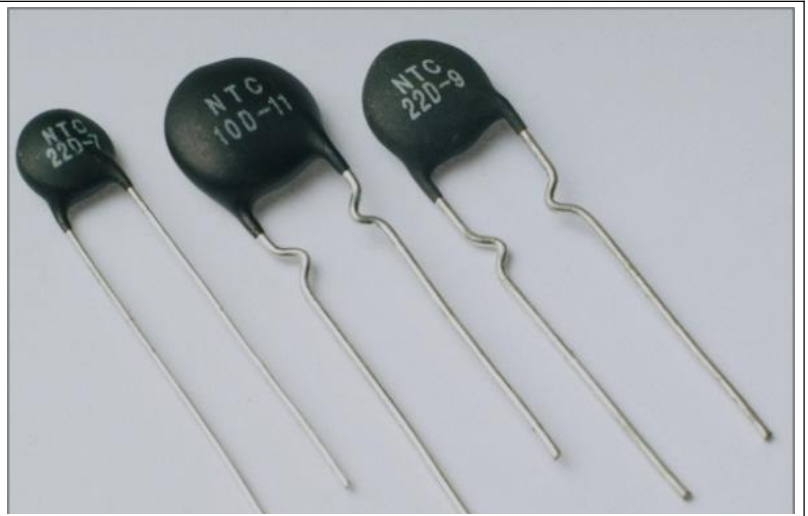
MF72 系列径向引线树脂涂装型

NTC 热敏电阻器

- 用于抑止浪涌电流

MF72 series radial lead wire resin coating NTC thermistor

-applied for suppressing surge current



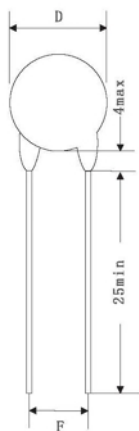
产品特点 PRODUCT FEATURES

1. MF72 系列产品为径向引线树脂涂装型 radial lead wire resin coating
2. 体积小、功率大，抑制浪涌电流能力强 small size, large power, excellent ability to suppressing surge current
3. 反应速度快 fast response
4. 材料常数（B 值）大，残余电阻小 large material constant, low residual resistance
5. 寿命长、可靠性高 long working life, excellent reliability
6. 产品规格齐全，工作范围宽 full set of specification, wide working range
7. 工作温度-55~+200℃ temperature range:-55~+200℃

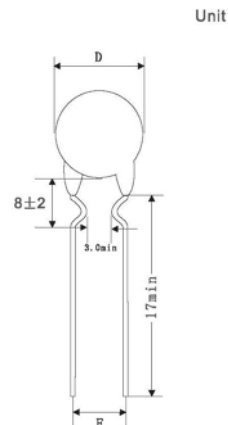
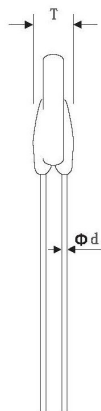
应用范围 APPLICATION

1. 转换电源、开关电源、UPS 电源 switching power supply, UPS power supply
2. 电子节能灯、电子镇流器 electronic energy saving lamp. electronic ballast
3. 电子线路、电源线路等 electronic circuit, power circuit

产品外形结构图 OVERALL STRUCTURE



直线 straight line



内弯 ncurve line

产品型号说明 MARKING OF PART NUMBER

MF72 series surge current restraint	MF72-	10	D	11	Disc dimension: 11-Φ11mm
MF72 系列:抑制浪涌电流 NTC 热敏电阻器					芯片直径: 11-Φ11mm
R25 resistance: 10-10 Ω					Diameter
标称阻值 R25: 10-10 Ω					直径

规格表 SPEC.Table

Part Number 型号	Resistance @25℃ 额定电阻值 R25 (Ω)	Max.Stable Current 最大稳态电 流 (A)	Approx Resistance At Maximum 最大电流时近似 电阻值 (Ω)	Dissipation Factor 耗散系数 (Mw/℃)	Thermal Time Constant 热时间常数 (S)	Dimensions 外形尺寸 (mm)			
						D±2	Tmax	F±1	Φd
MF72-5D5	5	1	0.353	6	20	6.5	5	5/2.5	0.6/0.45
MF72-10D5	10	0.7	0.771	6	20	6.5	5	5/2.5	0.6/0.45
MF72-60D5	60	0.5	1.878	6	18	6.5	5	5/2.5	0.6/0.45
MF72-200D5	200	0.1	6.259	6	18	6.5	5	5/2.5	0.6/0.45
MF72-5D7	5	2	0.283	10	30	8.5	5	5	0.6
MF72-8D7	8	1	0.539	9	28	8.5	5	5	0.6
MF72-10D7	10	1	0.616	9	27	8.5	5	5	0.6
MF72-22D7	22	0.6	1.108	9	27	8.5	5	5	0.6
MF72-33D7	33	0.5	1.485	10	28	8.5	5	5	0.6
MF72-200D7	200	0.2	6.233	11	28	8.5	5	5	0.6
MF72-3D9	3	4	0.120	11	35	10.5	5.5	7.5/5	0.8/0.6
MF72-5D9	5	3	0.210	11	34	10.5	5.5	7.5/5	0.8/0.6
MF72-8D9	8	2	0.400	11	32	10.5	5.5	7.5/5	0.8/0.6

MF72-10D9	10	2	0.458	11	32	10.5	5.5	7.5/5	0.8/0.6
MF72-16D9	16	1	0.802	11	31	10.5	5.5	7.5/5	0.8/0.6
MF72-20D9	20	1	0.864	11	30	10.5	5.5	7.5/5	0.8/0.6
MF72-22D9	22	1	0.950	11	30	10.5	5.5	7.5/5	0.8/0.6
MF72-33D9	33	1	1.124	11	30	10.5	5.5	7.5/5	0.8/0.6
MF72-60D9	60	0.8	1.502	11	30	10.5	5.5	7.5/5	0.8/0.6
MF72-200D9	200	0.5	5.007	11	32	10.5	5.5	7.5/5	0.8/0.6
MF72-2.5D11	2.5	5	0.095	13	43	12.5	5.8	7.5/5	0.8/0.6
MF72-5D11	5	4	0.156	13	45	12.5	5.8	7.5/5	0.8/0.6
MF72-8D11	8	3	0.255	14	47	12.5	5.8	7.5/5	0.8/0.6
MF72-10D11	10	3	0.275	14	47	12.5	5.8	7.5/5	0.8/0.6
MF72-16D11	16	2	0.470	14	50	12.5	5.8	7.5/5	0.8/0.6
MF72-22D11	22	2	0.563	15	52	12.5	5.8	7.5/5	0.8/0.6
MF72-33D11	33	1.5	0.734	15	52	12.5	5.8	7.5/5	0.8/0.6
MF72-60D11	60	1.5	1.215	15	52	12.5	5.8	7.5/5	0.8/0.6
MF72-1.3D13	1.3	7	0.062	13	60	14.5	6	7.5	0.8
MF72-2.5D13	2.5	6	0.088	13	60	14.5	6	7.5	0.8
MF72-3D13	3	6	0.092	14	60	14.5	6	7.5	0.8
MF72-5D13	5	5	0.125	15	68	14.5	6	7.5	0.8
MF72-8D13	8	4	0.194	15	60	14.5	6	7.5	0.8
MF72-10D13	10	4	0.206	15	65	14.5	6	7.5	0.8
MF72-15D13	15	3	0.335	16	60	14.5	6	7.5	0.8
MF72-16D13	16	3	0.338	16	60	14.5	6	7.5	0.8
MF72-1.3D15	1.3	8	0.048	18	68	16.5	6	10/7.5	0.8
MF72-1.5D15	1.5	8	0.052	19	69	16.5	6	10/7.5	0.8
MF72-3D15	3	7	0.075	18	76	16.5	6	10/7.5	0.8
MF72-5D15	5	6	0.112	20	76	16.5	6	10/7.5	0.8
MF72-8D15	8	5	0.178	20	80	16.5	6	10/7.5	0.8
MF72-10D15	10	5	0.180	20	75	16.5	6	10/7.5	0.8
MF72-15D15	15	4	0.268	21	85	16.5	6	10/7.5	0.8
MF72-16D15	16	4	0.276	21	70	16.5	6	10/7.5	0.8
MF72-47D15	47	3	0.680	21	86	16.5	6	10/7.5	0.8
MF72-0.7D20	0.7	12	0.018	25	79	21.5	7	10/7.5	1.0
MF72-3D20	3	8	0.055	24	88	21.5	7	10/7.5	1.0
MF72-5D20	5	7	0.087	23	47	21.5	7	10/7.5	1.0
MF72-8D20	8	6	0.142	25	105	21.5	7	10/7.5	1.0
MF72-0.7D25	0.7	13	0.014	30	120	26.5	8	10	1.0
MF72-1.5D25	1.5	10	0.027	30	121	26.5	8	10	1.0
MF72-3D25	3	9	0.044	32	124	26.5	8	10	1.0
MF72-5D25	5	8	0.070	32	125	26.5	8	10	1.0

注：可根据客户要求定制。

Notes: Can be designed according to customer's requirement.