



负温度系数(NTC)热敏电阻器

Negative temperature coefficient (NTC) thermistor

MF73、MF74超大功率型NTC热敏电阻系列

MF73、MF74 Super-power NTC Thermistor series

● 特点 Characteristics

- 结构可靠、便于安装
- 抑制浪涌电流能力强
- 工作的稳态电流大
- 较大稳态电流下能持续工作
- Reliable Configuration and convenient installment
- Have the strongest capability of surge current protection
- Maximum steady state operating current
- Persistnat operating when passing through larger steady state current

● 应用范围

- 转换电源, 开关电源, UPS电源
- 各类大功率照明灯具
- 电加热器

Applications

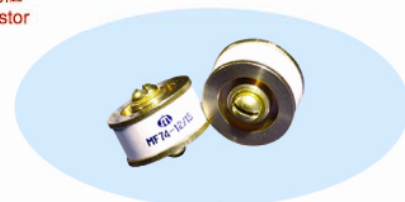
- Power conversion, switch power, UPS power
- All kinds of super-power lamps
- Electrical heater

MF74型NTC热敏电阻

MF74 NTC Thermistor
专利号: ZL03277490.7
PATENT NO: 03277490.7

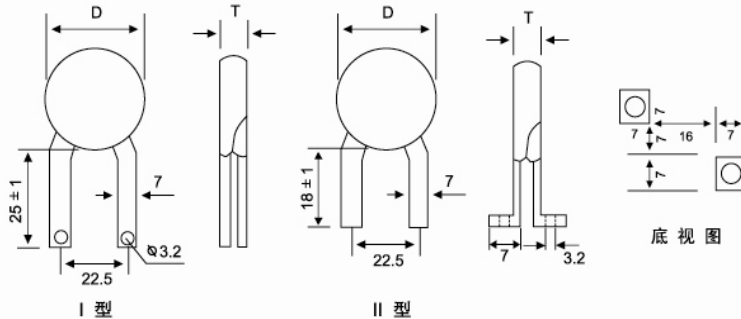


MF73型NTC热敏电阻
MF73 NTC Thermistor



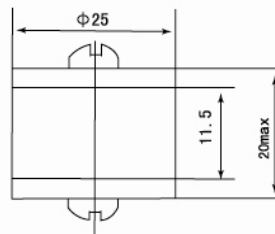
● 外形尺寸 Dimensions (mm)

MF73

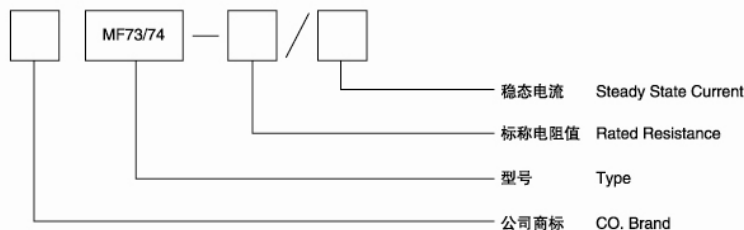


芯片直径 ± 1 Chip Diameter ± 1	30	35	45	60
外径(D) max Formal Diameter(D) max.	35	40	50	65
厚度(T) max Thickness(T) max.	10	12	12	12

MF74



● 产品标志说明 Specification





● 主要技术参数 Main Techno-Parameter

MF73

MF74

型号 Part No	R ₂₅ (Ω)	最大稳态电流 (A) Max. Steady State Current	25℃下最大电 流近似电阻值 (Ω) Approx. R of Max. Cur.(Ω)	耗散系数 (mW/℃) Dissi. Coef. (mW/℃)	热时间常数 (s) Thermal time Constant(S)	工作温度 (℃) Operating Temp. (°C)	
芯片直径 Chip Diameter: 30mm							
MF73-0.7/14	0.7	14	0.061	45	190	-55 ~ +200	
MF73-1/11	1	11	0.089	45	190		
MF73-1.5/11	1.5	11	0.099	43	190		
MF73-2/10	2	10	0.117	43	190		
MF73-3/10	3	10	0.120	43	190		
MF73-5/9	5	9	0.148	41	190		
MF73-8/8	8	8	0.179	45	190		
MF73-10/8	10	8	0.188	43	190		
MF73-16/7	16	7	0.232	45	190		
MF73-20/7	20	7	0.245	45	190		
MF73-30/6	30	6	0.333	45	190		
芯片直径 Chip Diameter: 35mm							
MF73-0.7/15	0.7	15	0.064	50	235		
MF73-1/12	1	12	0.093	50	235		
MF73-1.5/12	1.5	12	0.101	47	235		
MF73-2/11	2	11	0.115	47	235		
MF73-3/11	3	11	0.120	47	235		
MF73-5/10	5	10	0.145	45	235		
MF73-8/9	8	9	0.173	50	235		
MF73-10/9	10	9	0.179	47	235		
MF73-16/8	16	8	0.217	50	235		
MF73-20/8	20	8	0.226	50	235		
MF73-30/7	30	7	0.296	50	235		
芯片直径 Chip Diameter: 45mm							
MF73-0.7/17	0.7	17	0.059	66	285		
MF73-1/14	1	14	0.078	66	285		
MF73-1.5/14	1.5	14	0.087	62	285		
MF73-2/13	2	13	0.096	62	285		
MF73-3/13	3	13	0.101	62	285		
MF73-5/12	5	12	0.118	60	285		
MF73-8/11	8	11	0.134	66	285		
MF73-10/11	10	11	0.140	62	285		
MF73-16/10	16	10	0.163	60	285		
MF73-20/10	20	10	0.170	60	285		
MF73-30/9	30	9	0.210	60	285		
芯片直径 Chip Diameter: 60mm							
MF73-0.5/25	0.5	25	0.032	94	350		
MF73-0.7/20	0.7	20	0.050	94	350		
MF73-1/17	1	17	0.060	94	350		
MF73-1.5/17	1.5	17	0.069	88	350		
MF73-2/16	2	16	0.075	88	350		
MF73-3/16	3	16	0.078	88	350		
MF73-5/15	5	15	0.089	85	350		
MF73-8/14	8	14	0.098	94	350		
MF73-10/14	10	14	0.102	88	350		
MF73-16/13	16	13	0.113	85	350		
MF73-20/13	20	13	0.118	85	350		
MF73-30/12	30	12	0.138	85	350		

型号 Part No	R ₂₅ (Ω)	最大稳态电 流 (A) Max. Steady State Current	25℃下最大电 流近似电阻值 (Ω) Approx. R of Max. Cur.(Ω)	耗散系数 (mW/℃) Dissi. Coef. (mW/℃)	热时间 常数 (s) Thermal time Constant (S)	工作温度 (℃) Operating Temp. (°C)
MF74-0.5/40	0.5	40	0.00875	118	340	-55 +200
MF74-0.7/36	0.7	36	0.0110	118	340	
MF74-1/32	1	32	0.0137	118	340	
MF74-1.3/27	1.3	27	0.0192	118	340	
MF74-1.5/27	1.5	27	0.0206	118	340	
MF74-2/25	2	25	0.0240	120	340	
MF74-2.5/25	2.5	25	0.0252	120	350	
MF74-3/23	3	23	0.0293	123	350	
MF74-4/21	4	21	0.0340	123	350	
MF74-5/21	5	21	0.0364	123	350	
MF74-6/18	6	18	0.0494	123	355	
MF74-8/18	8	18	0.0525	125	360	
MF74-10/18	10	18	0.0555	125	360	
MF74-12/15	12	15	0.0622	125	345	
MF74-16/15	16	15	0.0688	125	345	
MF74-20/15	20	15	0.0745	125	345	
MF74-25/16	25	15	0.0857	125	345	
MF74-30/12	30	12	0.1170	125	350	