

Feature (特性)

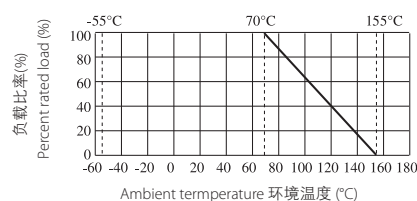
- EIA standard color. EIA标准色码
- Flame Retardant type available 可提供不燃性漆
- Low noise & voltage coefficient 噪声低, 电压系数小
- Low temperature coefficient range 温度系数低
- Multiple epoxy coating on vacuum-deposited metal film provides superior moisture protection
真空溅射金属皮膜涂多层环氧树脂, 防水性效果好
- Nichrome resistive element provides stable performance in various environments
镍基金属膜层的采用使各项性能更加稳定



Dimension(尺寸) mm



Derating Curve (降功率曲线)



Specification(性能)

Part No 料号	Type 类型	Power Rating 功率 70°C	Dimension (尺寸)(mm)					MAX. Working Voltage 最大工作电压	MAX. Overload Voltage 最大过负荷电压	Dielectric Withstanding Voltage 绝缘耐压
			D	L	d±0.05	H±3	PT			
MF0W8	MF-12	1/8W	1.9±0.3	3.3±0.3	0.45	28	52	200V	400V	400V
MF0S4	MF-25-S	1/4W-S	1.9±0.3	3.3±0.3	0.45	28	52			
MF004	MF-40-SS	0.4W-SS	1.9±0.5	3.3±0.3	0.45	28	52			
MF0W4	MF-25	1/4W	2.2±0.3	6.5±1.0	0.54	28	52	250V	500V	500V
MF0S2	MF-50-S	1/2W-S	2.2±0.5	6.5±1.0	0.54	28	52	250V	500V	250V
MF0W2	MF-50	1/2W	3.0±0.6	9.5±1.0	0.54	28	52	350V	700V	700V
MF006	MF-60-S	0.6W-S	2.2±0.5	6.5±1.0	0.54	28	52	250V	500V	500V
MF01S	MF-100-S	1W-S	3.0±0.6	9.5±1.0	0.54	28	52	350V	700V	700V
MF01W	MF-100	1W	4.5±0.6	11.5±1.0	0.70	28	52	500V	1000V	1000V
MF02S	MF-200-S	2W-S	4.5±0.6	11.5±1.0	0.70	28	52	500V	1000V	1000V
MF02W	MF-200	2W	5.0±0.6	15.5±1.0	0.70	28	64	500V	1000V	1000V
MF03S	MF-300-S	3W-S	5.0±0.6	15.5±1.0	0.70	28	64	500V	1000V	1000V
MF03W	MF-300	3W	6.0±0.6	17.5±1.0	0.75	28	64	500V	1000V	1000V

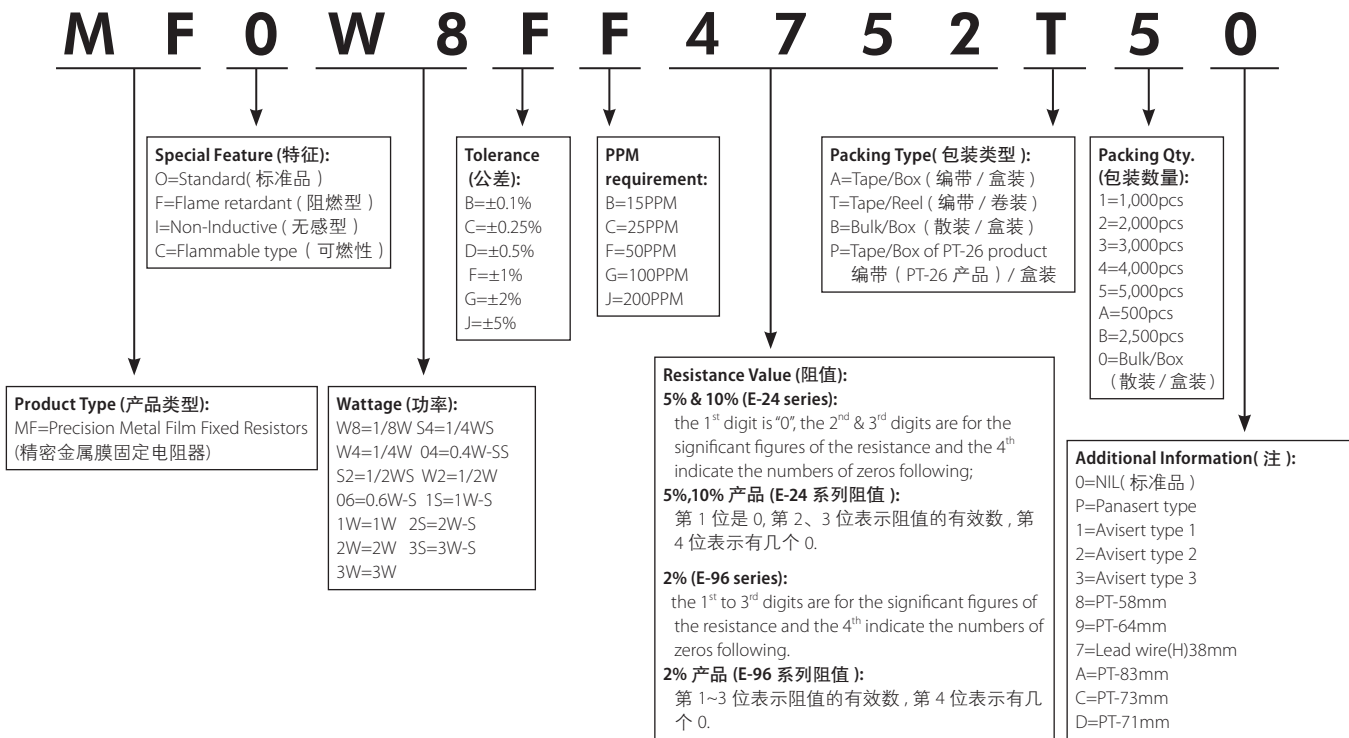
Part No 料号	Type 类型	Standard Order 标准品			Special Order 特殊订购品		
		Tolerance 公差	Resistance Range 阻值范围	TCR 温度系数	Tolerance 公差	Resistance Range 阻值范围	TCR 温度系数
MF0W8	MF0W8	±1%	10Ω~1MΩ	±50	±0.25%	51.1Ω~200KΩ	±15
MF0S4	MF0S4	±2%	10Ω~1MΩ	±100	±0.5%	51.1Ω~511KΩ	±25
MF004	MF004	±5%	1Ω~1MΩ	±200	±0.5%	51.1Ω~511KΩ	±50
MF0W4	MF-25	±1%	10Ω~1MΩ	±50	±0.1%	10Ω~1MΩ	±15
MF0S2	MF-50-S	±2%	1Ω~1MΩ	±100	±0.25%	10Ω~1MΩ	±25
MF006	MF-60-S	±5%	1Ω~1MΩ	±200	±0.5%	10Ω~1MΩ	±50
MF0W2	MF-50	±1%	10Ω~1MΩ	±50	±0.1%	100Ω~330KΩ	±15
MF01S	MF-100-S	±2%	10Ω~1MΩ	±100	±0.25%	51.1Ω~511KΩ	±25
		±5%	1Ω~1MΩ	±200	±0.5%	10Ω~1MΩ	±50
MF01W	MF-100	±1%	51.1Ω~1MΩ	±50	±0.1%	100Ω~330KΩ	±15
MF02S	MF-200-S	±2%	51.1Ω~1MΩ	±100	±0.25%	51.1Ω~511KΩ	±25
MF02W	MF-200						
MF03S	MF-300-S	±5%	1Ω~1MΩ	±200	±0.5%	51.1Ω~1MΩ	±50
MF03W	MF-300						

Performance Specification(性能)

Temperature coefficient	温度系数	Reference table(参考上表)
Short-time Overload	短时间过负荷	$\Delta R/R \leq \pm(0.5\%+0.05 \Omega)$,with no evidence of mechanical damage (无可见机械损伤)
Dielectric withstanding voltage	绝缘耐压	With no evidence of flashover, mechanical damage,arcing or insulation breakdown (无击穿·飞弧及可见机械损伤)
Pulse Overload	脉冲过负荷	$\Delta R/R \leq \pm (1\%+0.05)$,with no evidence of mechanical damage (无可见机械损伤)
Terminal strength	端子强度	No evidence of mechanical damage (无可见机械损伤)
Soldering heat	耐焊接热	$\Delta R/R \leq \pm(1\%+0.05 \Omega)$ with no evidence of mechanical damage (无可见机械损伤)
Solderability	可焊性	Min.95% coverage (最少 95% 覆盖率)
Resistance to solvent	耐熔剂	No deterioration of protective coating and markings (包封层, 色码完整)
Temperature cycling	温度循环	$\Delta R/R \leq \pm(1\%+0.05 \Omega)$ with no evidence of mechanical damage (无可见机械损伤)
Load life in humidity	湿度寿命	Normal type(普通型): $\Delta R/R \leq \pm 1.5\%$ & Flame retardant type(阻燃性): $\Delta R/R \leq \pm 5\%$
Load life	负载寿命	Normal type(普通型): $\Delta R/R \leq \pm 1.5\%$ & Flame retardant type(阻燃性): $\Delta R/R \leq \pm 5\%$

Ordering Procedure (Example: MF 1/8W 1% 47.5K Ω T/R-5000)

订购方式 (例如: MF 1/8W 1% 47.5K Ω T/R-5000)



New/Old Part.no Contrast (新旧料号对照)

New Part.no 新料号	Old Part.no 旧料号	New Part.no 新料号	Old Part.no 旧料号
MF0W8FF****A*0	MFR0W8F****A*0	MF01SFF****A*0	MFR01SF****A*0
MF0S4FF****A*0	MFR0S4F****A*0	MF01WFF****A*0	MFR01WF****A*0
MF004FF****A*0	MFR004F****A*0	MF02SFF****A*0	MFR02SF****A*0
MF0W4FF****A*0	MFR0W4F****A*0	MF02WFF****A*0	MFR02WF****A*0
MF0S2FF****A*0	MFR0S2F****A*0	MF03SFF****A*0	MFR03SF****A*0
MF0W2FF****A*0	MFR0W2F****A*0	MF03WFF****A*0	MFR03WF****A*0
MF006FF****A*0	MFR006F****A*0		