

Metal Film Resistor Kit

0.5W 1% E12

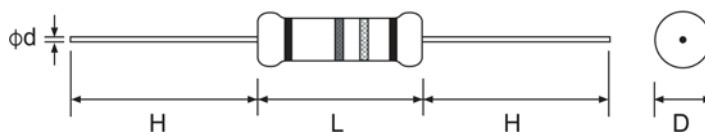


Features:

- 100-Pcs of Each 61 Values 10Ω to 1MΩ Resistors
- E12 resistor values
- EIA standard colour coding
- Flame retardant type available
- Low noise & voltage coefficient
- Low temperature coefficient range
- Nichrome resistor element provides stable performance in various environments
- Multiple epoxy coating on vacuum-deposited metal film provides superior moisture protection

Specifications:

Temperature Coefficient	: Within the maximum temperature coefficient specified
Short Time Overload	: $\pm(0.5\% + 0.05\Omega)$ Max. with no evidence of mechanical damage
Insulation Resistance	: Min. 10,000MΩ
Dielectric Withstanding Voltage	: No evidence of flashover, mechanical damage, arcing or insulation breakdown
Pulse Overload	: $\pm(1\% + 0.05\Omega)$ Max. with no evidence of mechanical damage
Terminal Strength	: No evidence of mechanical damage
Resistance to Soldering Heat	: $\pm(1\% + 0.05\Omega)$ Max. with on evidence of mechanical damage
Solderability	: Min. 95% coverage
Resistance of solvent	: No deterioration of protective coating and markings
Temperature Cycling	: $\pm(1\% + 0.05\Omega)$ Max. with no evidence of mechanical damage
Humidity (Steady state)	: $\pm(2\% + 0.05\Omega)$ Max. with on evidence of mechanical damage
Load Life in Humidity	: $\pm(1.5\% + 0.05\Omega)$ Max.
Load Life	: $\pm(1.5\% + 0.05\Omega)$ Max.



Power Rating at 70°C	Dimension (mm)				Resistance Range	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstanding Voltage	Resistance Tolerance	T.C.R.
	D Max.	L Max.	H ± 3	d $\begin{matrix} +0.02 \\ -0.05 \end{matrix}$						
1/2W (0.5W)	3.5	10	28	0.6	10Ω to 1MΩ	350V	700V	700V	$\pm 1\%$	± 50 PPM/°C

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Kit Contents:

Order Code	Description	Qty
1126837	10Ω Metal Film Resistor	100
1126847	12Ω Metal Film Resistor	100
1126853	15Ω Metal Film Resistor	100
1126860	18Ω Metal Film Resistor	100
1126867	22Ω Metal Film Resistor	100
1126874	27Ω Metal Film Resistor	100
1126882	33Ω Metal Film Resistor	100
1126888	39Ω Metal Film Resistor	100
1126895	47Ω Metal Film Resistor	100
1126901	56Ω Metal Film Resistor	100
1126905	68Ω Metal Film Resistor	100
1126912	82Ω Metal Film Resistor	100
1126838	100Ω Metal Film Resistor	100
1126849	120Ω Metal Film Resistor	100
1126855	150Ω Metal Film Resistor	100
1126861	180Ω Metal Film Resistor	100
1126868	220Ω Metal Film Resistor	100
1126875	270Ω Metal Film Resistor	100
1126883	330Ω Metal Film Resistor	100
1126889	390Ω Metal Film Resistor	100
1126896	470Ω Metal Film Resistor	100
1126902	560Ω Metal Film Resistor	100
1126906	680Ω Metal Film Resistor	100
1126913	820Ω Metal Film Resistor	100
1126839	1kΩ Metal Film Resistor	100
1129079	1.2kΩ Metal Film Resistor	100
1129083	1.5kΩ Metal Film Resistor	100
1129087	1.8kΩ Metal Film Resistor	100
1129093	2.2kΩ Metal Film Resistor	100
1129096	2.7kΩ Metal Film Resistor	100
1129100	3.3kΩ Metal Film Resistor	100

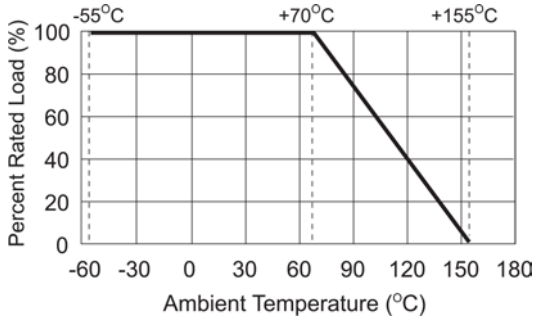
Order Code	Description	Qty
1129104	3.9kΩ Metal Film Resistor	100
1129109	4.7kΩ Metal Film Resistor	100
1129113	5.6kΩ Metal Film Resistor	100
1129121	6.8kΩ Metal Film Resistor	100
1129126	8.2kΩ Metal Film Resistor	100
1126840	10kΩ Metal Film Resistor	100
1126849	12kΩ Metal Film Resistor	100
1126856	15kΩ Metal Film Resistor	100
1126862	18kΩ Metal Film Resistor	100
1126869	22kΩ Metal Film Resistor	100
1126876	27kΩ Metal Film Resistor	100
1126884	33kΩ Metal Film Resistor	100
1126890	39kΩ Metal Film Resistor	100
1126897	47kΩ Metal Film Resistor	100
1126903	56kΩ Metal Film Resistor	100
1126907	68kΩ Metal Film Resistor	100
1126914	82kΩ Metal Film Resistor	100
1126841	100kΩ Metal Film Resistor	100
1126850	120kΩ Metal Film Resistor	100
1126857	150kΩ Metal Film Resistor	100
1126863	180kΩ Metal Film Resistor	100
1126870	220kΩ Metal Film Resistor	100
1126877	270kΩ Metal Film Resistor	100
1126885	330kΩ Metal Film Resistor	100
1126892	390kΩ Metal Film Resistor	100
1126898	470kΩ Metal Film Resistor	100
1126904	560kΩ Metal Film Resistor	100
1126909	680kΩ Metal Film Resistor	100
1126915	820kΩ Metal Film Resistor	100
1126843	1MΩ Metal Film Resistor	100

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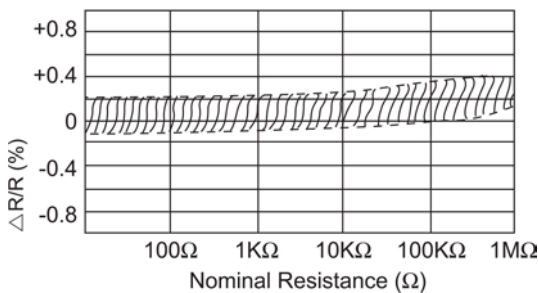
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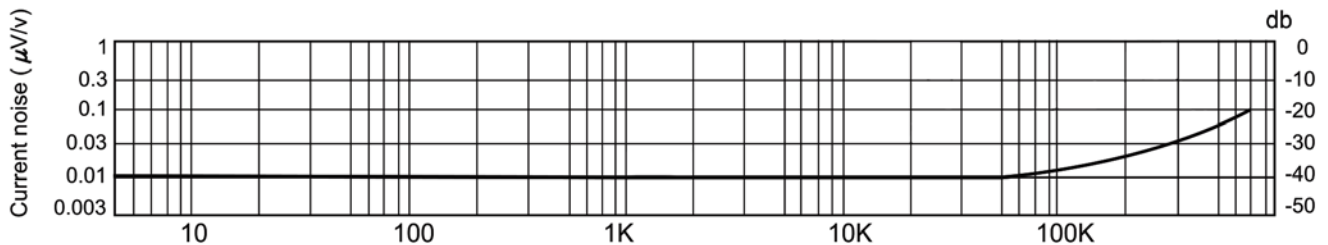
Derating Curve



Load Life



Current Noise Level



Part Number Table

Description	Part Number
Resistor, Kit, 0.5W 1% E12	9341048

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