

SMD Metal Film Melf Resistors, 0204

FEATURES

SMD enabled structure
Excellent solderability termination

APPLICATIONS:

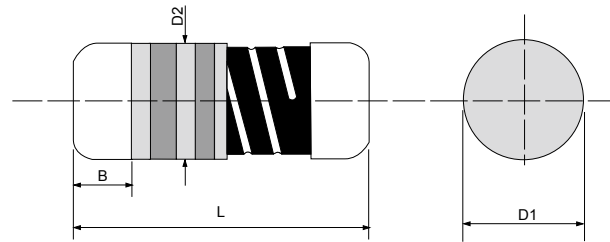
Power supply
Telecom
Meter
Medical

SPECIFICATION:

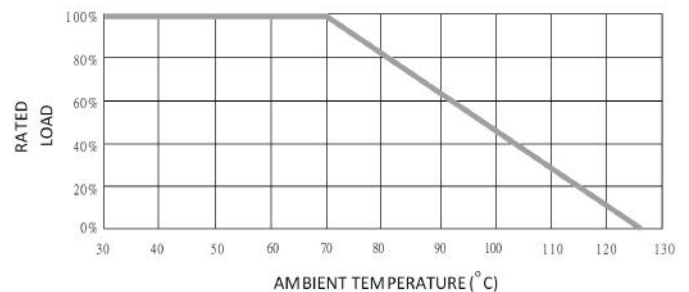
Housing Type	0204
Maximum Overload Voltage	400 V
Maximum Working Voltage	200 V
Tolerance	± 1 %
Power Rating	0.25 W
Temperature Coefficient	± 50 ppm/°C
Temperature Range	-55 ... 125 °C
Packaging	Reel
Body Length (L, mm)	3.52 ± 0.15
Cap Diameter (D1, mm)	1.35 ± 0.1
Body Diameter (D2, mm)	D1+0.02/ -0.15
Soldering Spot (B, mm)	0.6

PRODUCT RANGE

Art.Nr.	Resistance
RND 155MM204F100KTKRTR3K0	100 kΩ
RND 155MM204F100RTKRTR3K0	100 Ω
RND 155MM204F10K0TKRTR3K0	10 kΩ
RND 155MM204F11K0TKRTR3K0	11 kΩ
RND 155MM204F120KTKRTR3K0	120 kΩ
RND 155MM204F120RTKRTR3K0	120 Ω
RND 155MM204F12K0TKRTR3K0	12 kΩ
RND 155MM204F150KTKRTR3K0	150 kΩ
RND 155MM204F150RTKRTR3K0	150 Ω
RND 155MM204F15K0TKRTR3K0	15 kΩ
RND 155MM204F15R0TKRTR3K0	15 Ω
RND 155MM204F180KTKRTR3K0	180 kΩ
RND 155MM204F180RTKRTR3K0	180 Ω
RND 155MM204F18K0TKRTR3K0	18 kΩ
RND 155MM204F1K00TKRTR3K0	1 kΩ
RND 155MM204F1K20TKRTR3K0	1.2 kΩ
RND 155MM204F1K50TKRTR3K0	1.5 kΩ
RND 155MM204F1K80TKRTR3K0	1.8 kΩ
RND 155MM204F1M00TKRTR3K0	1 MΩ
RND 155MM204F1R00TKRTR3K0	1 Ω
RND 155MM204F1R50TKRTR3K0	1.5 Ω
RND 155MM204F200KTKRTR3K0	200 kΩ
RND 155MM204F200RTKRTR3K0	200 Ω
RND 155MM204F20K0TKRTR3K0	20 kΩ
RND 155MM204F20R0TKRTR3K0	20 Ω
RND 155MM204F220KTKRTR3K0	220 kΩ
RND 155MM204F220RTKRTR3K0	220 Ω



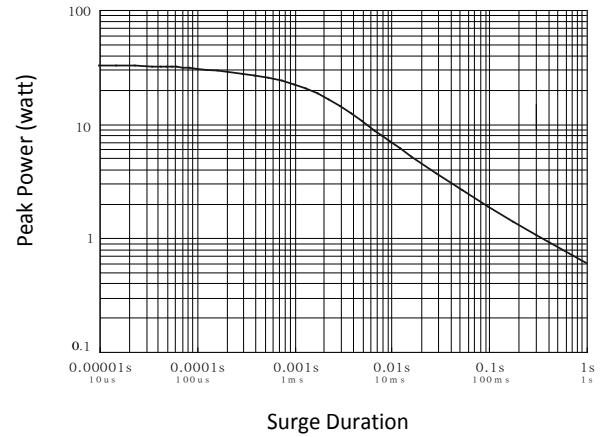
POWER DERATING CURVE



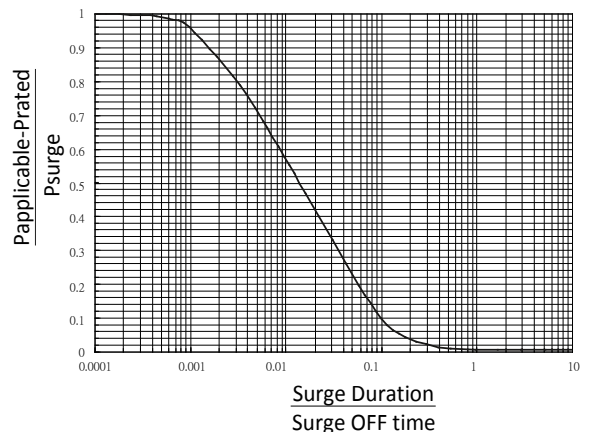
PRODUCT RANGE

Art.Nr.	Resistance
RND 155MM204F22K0TKRTR3K0	22 kΩ
RND 155MM204F22R0TKRTR3K0	22 Ω
RND 155MM204F270KTKRTR3K0	270 kΩ
RND 155MM204F270RTKRTR3K0	270 Ω
RND 155MM204F27K0TKRTR3K0	27 kΩ
RND 155MM204F2K00TKRTR3K0	2 kΩ
RND 155MM204F2K20TKRTR3K0	2.2 kΩ
RND 155MM204F2K40TKRTR3K0	2.4 kΩ
RND 155MM204F2K70TKRTR3K0	2.7 kΩ
RND 155MM204F2R00TKRTR3K0	2 Ω
RND 155MM204F2R20TKRTR3K0	2.2 Ω
RND 155MM204F2R70TKRTR3K0	2.7 Ω
RND 155MM204F300RTKRTR3K0	300 Ω
RND 155MM204F30K0TKRTR3K0	30 kΩ
RND 155MM204F330KTKRTR3K0	300 kΩ
RND 155MM204F330RTKRTR3K0	300 Ω
RND 155MM204F33K0TKRTR3K0	33 kΩ
RND 155MM204F33R0TKRTR3K0	30 Ω
RND 155MM204F36R0TKRTR3K0	36 Ω
RND 155MM204F390KTKRTR3K0	390 kΩ
RND 155MM204F39K0TKRTR3K0	39 kΩ
RND 155MM204F39R0TKRTR3K0	39 Ω
RND 155MM204F3K00TKRTR3K0	3 kΩ
RND 155MM204F3K30TKRTR3K0	3.3 kΩ
RND 155MM204F3K90TKRTR3K0	3.9 kΩ
RND 155MM204F3R30TKRTR3K0	3.3 Ω
RND 155MM204F3R60TKRTR3K0	3.6 Ω
RND 155MM204F470KTKRTR3K0	470 kΩ
RND 155MM204F470RTKRTR3K0	470 Ω
RND 155MM204F47K0TKRTR3K0	47 kΩ
RND 155MM204F47R0TKRTR3K0	47 Ω
RND 155MM204F4K70TKRTR3K0	4.7 kΩ
RND 155MM204F4R30TKRTR3K0	4.3 Ω

SINGLE SURGE PERFORMANCE



SURGE POWER DERATING CURVE



Notes:

- SINGLE SURGE PERFORMANCE graph is good for NON REPETITIVE applications operating in an ambient temperature of 70°C or less. For temperatures above 70°C, the graph power must be derated further linearly down to zero at 125°C.

- To determine applicable surge power in continuous-surge applications:

1. Identify allowable duration and peak power P_{surge} of single surge;
2. Determine ratio of surge duration/surge OFF time in application;
3. Calculate Papplicable backwardly according to Y-axis of SURGE POWER DERATING CURVE.

SMD Metal Film Melf Resistors, 0102

PRODUCT RANGE

Art.Nr.	Resistance
RND 155MM204F51K0TKRTR3K0	51 k Ω
RND 155MM204F51R0TKRTR3K0	51 Ω
RND 155MM204F560KTKRTR3K0	560 k Ω
RND 155MM204F560RTKRTR3K0	560 Ω
RND 155MM204F56K0TKRTR3K0	56 k Ω
RND 155MM204F56R0TKRTR3K0	56 Ω
RND 155MM204F5K10TKRTR3K0	5.1 k Ω
RND 155MM204F5K60TKRTR3K0	5.6 k Ω
RND 155MM204F5R10TKRTR3K0	5.1 Ω
RND 155MM204F5R60TKRTR3K0	5.6 Ω
RND 155MM204F620RTKRTR3K0	620 Ω
RND 155MM204F62K0TKRTR3K0	62 k Ω
RND 155MM204F62R0TKRTR3K0	62 Ω
RND 155MM204F680RTKRTR3K0	680 Ω
RND 155MM204F68K0TKRTR3K0	68 k Ω
RND 155MM204F6K80TKRTR3K0	6.8 k Ω
RND 155MM204F6R80TKRTR3K0	6.8 Ω
RND 155MM204F75K0TKRTR3K0	75 k Ω
RND 155MM204F7K50TKRTR3K0	7.5 k Ω
RND 155MM204F820RTKRTR3K0	820 Ω
RND 155MM204F8K20TKRTR3K0	8.2 k Ω
RND 155MM204F8R20TKRTR3K0	8.2 Ω
RND 155MM204F910RTKRTR3K0	910 Ω
RND 155MM204F91K0TKRTR3K0	91 k Ω
RND 155MM204F9K10TKRTR3K0	9.1 k Ω
RND 155MM204F4R70TKRTR3K0	4.7 Ω
RND 155MM204F510KTKRTR3K0	510 k Ω
RND 155MM204F510RTKRTR3K0	510 Ω