

# MELF RESISTORS, WITH UPGRADED RATED POWER



**Metal film performance, economical price!** RCD Series MGP melf\* resistors utilize precision film technology which is inherently low inductance, low noise, and high stability even after extended periods. Heavy solder plating assures excellent solderability and long shelf life. Series MHM offers hermetically sealed environmental protection and utmost reliability. MGP series parts are color banded, MHM are alphanumerically marked with resistance and tolerance. \*Melf = metal electrode face-bonded (cylindrical component).

## FEATURES

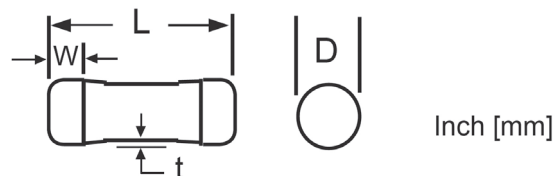
- Industry's widest selection of metal film MELF resistors-
- 0.1 W to 0.5 W, 0.1  $\Omega$  to 22 M $\Omega$ , 0.1 % to 5 %, 10 ppm to 100 ppm/ $^{\circ}$ C
- Low cost, quick delivery (available on SWIFT™ program)
- Precision performance, excellent environmental stability
- Series MHM hermetic sealed is an industry first!

## APPLICATIONS

- Power supplies: such as AC/DC, DC/DC, Inverter, SMPS, Charger, ...
- Communication: Modem / Router, Lan / Wlan, Tuner, Phones, ...
- Industrial electronics: such as electronic controller units, automation equipment, ...
- Special: such as medical, measurement, military, ...

## SWIFT™

- Unique delivery program of RCD for faster production
- Extra manufacturing line reserved for urgent demands
- Short lead time is dependant on type, tolerance, quantity & price adder



Contact us for details!

	RCD TYPE	WATTAGE [STD]	WATTAGE [OPT. 'S']	VOLTAGE RATING	RESISTANCE RANGE	DIELECTRIC STRENGTH	$L \pm 0.012 / 0.3$ [Inch / mm]	$D \pm 0.008 / 0.2$ [Inch / mm]	W MIN. [Inch / mm]	T MAX. [Inch / mm]
<b>MGP45</b>		0.1 W	0.20 W	100 V	1 W to 1 M	200 V	0.079 [2.0]	0.044 [1.12]	0.012 [0.3]	0.003 [0.076]
<b>MGP50</b>		0.125 W	0.25 W	200 V	0.18 W to 10 M	250 V	0.135 [3.4]	0.057 [1.45]	0.02 [0.5]	0.004 [0.1]
<b>MGP55</b>		0.25 W	0.50 W	250 V	0.1 W to 22 M	350 V	0.232 [5.9]	0.085 [2.15]	0.024 [0.6]	0.006 [0.15]
<b>MGP55<sup>3</sup></b>		0.125 W	0.25 W	250 V	10 W to 200 K	350 V	0.275 [7.0]	0.120 [3.05]	0.050 [1.27]	0.006 [0.15]