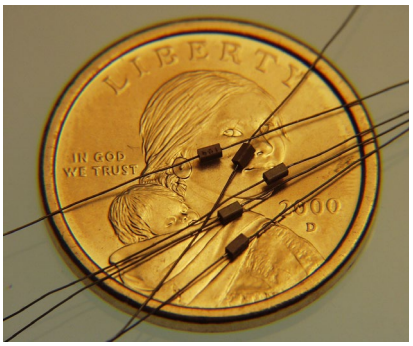
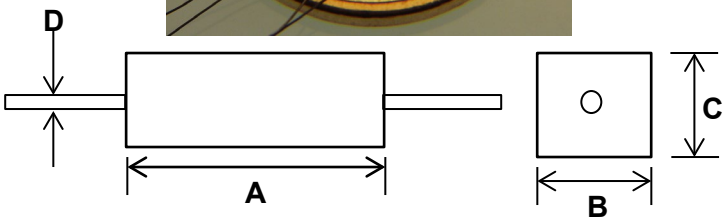
RMB16A
Resistor
Micro-miniature, Leaded, Axial



- Micro-miniature size with plastic case
- Improved using the latest technology.
- Marking of resistor value on body.
- Robust leadwire of Nickel with tin plating. Suitable for soldering or welding.
- Resistance range: 1R0Ω to 10MΩ (5%) and 1R00Ω to 9M76Ω (1%).
- Zero Ohm Jumper available.
- Standard tolerance=±5% and 1%
- Power Rating=0.063W (1/16W)
- **Fully RoHS Compliant, REACH Compliant, and Lead-Free construction.**



Lead Length=1.46 inches MINIMUM
Epoxy Rundown=0.005 inches MAXIMUM per side

Dimension	Inches (mm)	Tolerance
A	0.075 (1.91mm)	+-0.005 (0.13mm)
B	0.036 (0.91mm)	+-0.005 (0.13mm)
C	0.036 (0.91mm)	+-0.005 (0.13mm)
D	0.0074 (0.19mm)	+-0.0001 (0.0025mm)

Resistance Range:

	RMB16A	
Tolerance	J ±5%	F ±1%
Resistance Range	1R0Ω to 10MΩ	1R00Ω to 9M76Ω

Marking:

Four Digit Identification Code-3 numerical and J for 5% tolerance
Four Digit Identification Code- 4 numerical for 1% tolerance (F for 1% tolerance is assumed)

Example:

47KΩ ±5%=473J 1K0Ω ±5%=102J
000J=Zero Ω Jumper
10R0Ω ±1%=10R0 1M00Ω ±1%=1004

Resistor Ratings for RMB16A:

Power	0.063 Watt (1/16W)
Voltage	50VDC MAXIMUM
Working	-55C to +70C No Derating +70C to +125C With Derating

Ordering Information:
RMB16A-Value-Tolerance/Pack

Example:
RMB16A-104-JB
100KΩ/±5%/Bulk Pack
RMB16A-1003-FB
100KΩ/±1%/Bulk Pack

Temperature Coefficient of Resistance:

	RMB16A			
Tolerance	J ±5%	F ±1%		
Resistance Range	1R0Ω ~ 10MΩ	1R00Ω ~ 9R76Ω	10R0Ω ~ 1M00Ω	1M02Ω ~ 9M76Ω
TCR (ppm/C)	±200	±200	±100	±200

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Issue: May-2012 (Issue 3)