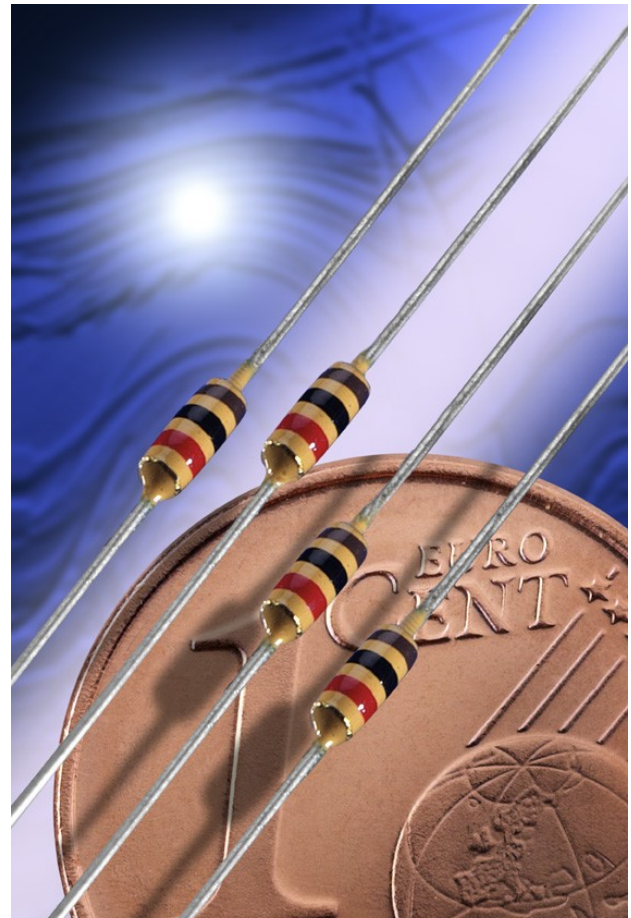


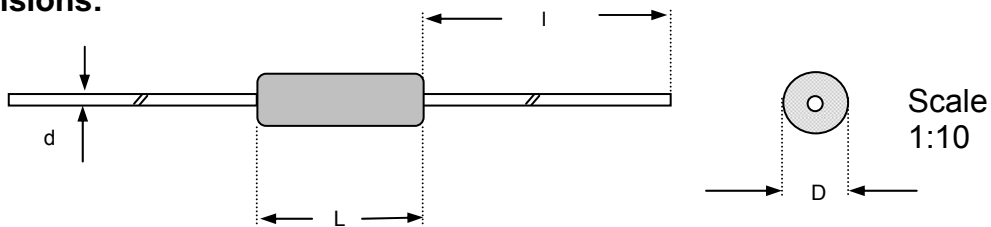
Type MRS-Miniature Leaded Resistor

Features:

- Resistor element in Thickfilm
- Solder coated copper wire
- Molded encapsulation of element and solder joint
- Standard resistance range of 1R0Ω to 10MΩ
- Higher and lower values on request



Dimensions:



Length (L): $2.2^{+0.4}$ mm
Wire diameter (d): $0.2^{+0.02}$ mm

Diameter (D): $0.8^{+0.1}$ mm
Lead length (l): $12^{\pm 1}$ mm



BREL International Components, Inc.
1621 West University Parkway
Sarasota, Florida 34243



Phone: 941-355-9791
Sales: 800-237-4564
Fax: 941-355-1530
E-Mail: sales@brelintl.com
Website: www.brelintl.com
Issue: July-2005

Electrical Data:

Power rating: P ₇₀	35 mW	Working Voltage U _W , U _{eff} :	60VDC
P ₄₀	50 mW	Dielectric strength:	350VDC
P ₁₂₅	0 mW		

Other electrical data: See CRS 0402 data sheet for comparable information

Ranges / Tolerances / TCR:

1R - 9R1	±5 / 10%	TCR 250
10R - 91R	±5 / 10%	TCR 100
100R - 1M	±1 / 5 / 10%	TCR 100
1M1 - 10M	±5 / 10%	TCR 250

Mechanical Data:

Tensile strength of wire leads	>3N
Temperature range	-55°C - +125°C

Long term stability:

	100R-1M	<100R≥1M
Storage 125°C / 1000 h	<0.5%	<1%
Load P ₇₀ / 70°C / 1000h	<0.5%	<1%
Damp heat /56d / 40°C / 96%)	<0.5%	<1%
Short term overload	<0.25%	<0.5%

Color coding:

According to IEC 62 / EN60062



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