

BARE METAL ELEMENT RESISTORS

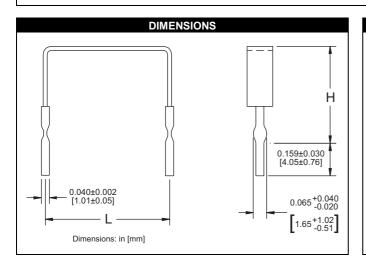
FEATURES

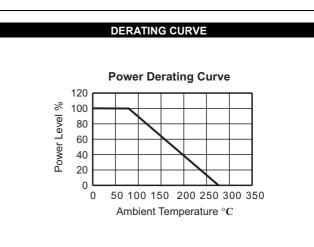
- Designed for current sensing or Shunt Applications
- Economical Bare Metal Resistance Element
- Welded, Flameproof Construction
- Values from 0.005 Ohms
- Tolerance of ±1% and ±5%
- Low Inductance
- Resistance Element TCR 20ppm/°C

Bare Element Resistors were developed for current sensing and shunt applications. The resistance element is a special ribbon alloy, with the tinned copper or copper-clad steel leads welded to the element. This rugged construction offers a low cost and reliable alternative to encapsulated designs and the built in stand-offs with standard lead spacings allow for easy mountings.

Ordering Part Number – Resistance - Tolerance Example: MSR-3 R05 F

			SPECIFIC	CATIONS				
Туре	Power Rating (W@85°C)	Resistance Range	Tolerances	Inductance	L		Н	
MSR-1	1	0.005 to 0.1	±1%, ±5%	< 10nH	0.45	+0.04 -0.02	0.2 ± 0.1	In
IVIOR-I					11.43	+1.02 -0.51	5.08 ± 2.54	mm
MSR-3	3	0.005 to 0.1	±1%, ±5%	< 10nH	0.6	+0.04 -0.02	1.0 Max	In
MSK-3					15.24	+1.02 -0.51	25.4 Max	mm
MSR-5	5	0.005 to 0.05	±1%, ±5%	< 10nH	0.8	+0.04 -0.02	1.0 Max	In
10158-5					20.32	+1.02 -0.51	25.4 Max	mm





The information contained herein does not form part of a contract and is subject to change without notice. It is the responsibility of the customer to ensure that the component selected from our range is suitable for the intended application. If in doubt please ask ARCOL.

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