

Features

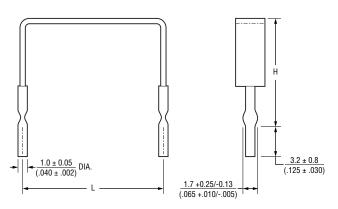
- Formerly a Riedon[™] product
- Resistances from 0.005 Ω to 0.10 Ω
- Resistance tolerances as low as ±1 %
- Power rating: 1, 3 or 5 watts
- Resistance wire TCR: ±20 PPM/°C
- For current sensing and shunt applications
- All welded construction
- Low inductance (<10 nH to 50 nH typical)
- Flame resistant non-inductive bare metal element
- Superior pulse cababilities
- RoHS compliant*

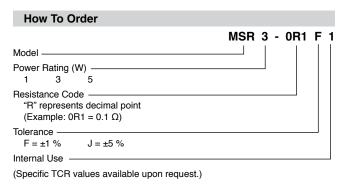
MSR Series – Riedon™ Bare Metal Element Resistors by Bourns

Specifications

Bourns Model Number	Power Rating @ 85 °C (W)	Resistance (Ω) ¹	Available Tolerances	Operating Temperature (°C)	Dimensions	
					L	н
MSR-1	1	0.005, 0.01, 0.02, 0.025, 0.03, 0.04, 0.05, 0.1	±1 % / ±5 %	-55 to +275	<u>11.4 +1.0/-0.5</u> (.450 +.039/020)	$\frac{5.1 \pm 2.5}{(.201 \pm .098)}$
MSR-3	3	0.005, 0.01, 0.015, 0.02, 0.025, 0.03, 0.04, 0.05, 0.1			<u>15.2 +1.0/-0.5</u> (.598 +.039/020)	<u>25.4</u> (.100) MAX.
MSR-5	5	0.005, 0.01, 0.015, 0.02, 0.025, 0.03, 0.05, 0.1			20.3 +1.0/-0.5 (.799 +.039/020)	

¹ Other resistance values may be available. Please <u>contact Bourns</u>. Note: Terminal finish 100 % matte tin over copper





Packaging Information

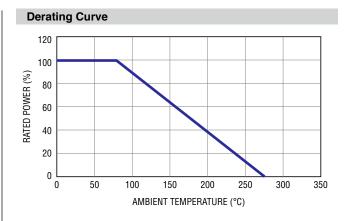
Bulk only. 250 per pack.

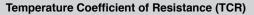
REV. 10/24

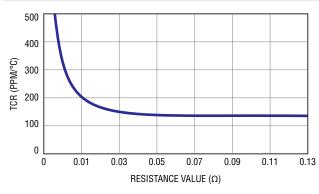
*RoHS Directive 2015/863, Mar 31, 2015 and Annex.

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Additional Information

Click these links for more information:



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