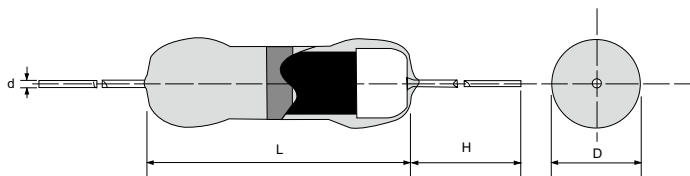


ZOM Zero Ohm Metal Film Resistor

Quality • Reliability
Cost-Down via Innovation.

ZOM



Features

- Conformal multi-layer coating against humidity
- Very low resistance
- Stable metal film construction
- Special tin-plated deoxygenized copper wire for resistance stabilization during operation
- Products meet RoHS requirements and do not contain substances of very high concern identified by European Chemicals Agency

■ DIMENSIONS

Type	Body Length (L, mm)	Body Diameter (D, mm)	Lead Wire Length (H, mm)	Lead Wire Diameter (d, mm)	Net Weight Per 1000Pcs
ZOM204	3.2 ± 1.0	1.8 ± 0.2	28 ± 1.0	0.5 ± 0.03	145 Grams
ZOM207	6.5 ± 0.7	2.4 ± 0.2	26 ± 1.0	0.6 ± 0.03	220 Grams

■ GENERAL SPECIFICATIONS

Type	Maximum Resistance	Maximum Current
ZOM204	10mΩ	3A
ZOM207	10mΩ	5A

Special sizes, values, and specifications not listed available on special order.

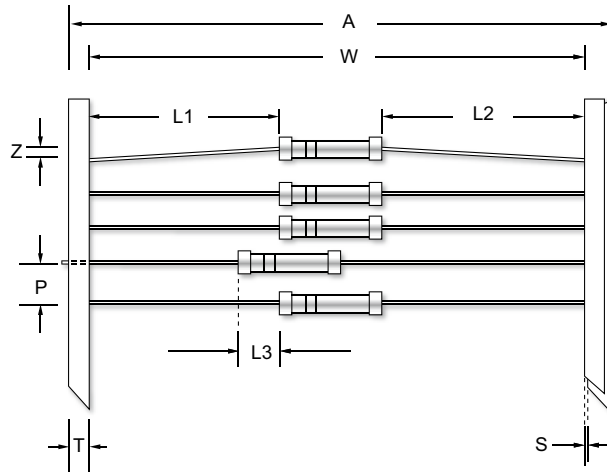
■ TECHNICAL SPECIFICATIONS

Characteristics	Limits	
	ZOM204	ZOM207
Insulation Voltage (1min)	>500V AC	>700V AC
Insulation Resistance	>10 ¹¹ Ω	>10 ¹¹ Ω
Operating Temperature	-55 ~ +155 °C	-55 ~ +155 °C
Terminal Strength	>30N	>50N
Failure Rate	<10pcs out of 10 ⁹ device hours	<10pcs out of 10 ⁹ device hours

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■ TAPING/PACKING SPECIFICATIONS



Unit (mm)

Type	A Max.	L1-L2 (Max.)	L3 (Max.)	P ±0.5	S (Max.)	T ±0.5	W ±1.5	Z (Max.)
ZOM204	65	±1.0	0.5	5.0	0.8	6.0	52.5	1.2
ZOM207	65	±1.0	0.5	5.0	0.8	6.0	52.5	1.2

Type No.	Packing Type	ZOM204	ZOM207
Minimum Packing QTY (pcs)	Ammo pack	5000	5000

■ PART NUMBER

Example: ZOM207XR000XXXTB5K0

ZOM207	X	R000	XXX	TB5K0
Type	Tolerance	Resistance*	TCR	Packaging
	Parameter Not Applicable	0Ω 4-character code	3-character code Parameter Not Applicable	5-character code TB = Tape Box (pieces per box) ZOM204/ZOM207 5K0 = 5,000

* Please refer to the General Specifications section of ZOM datasheet for information on maximum resistance value.