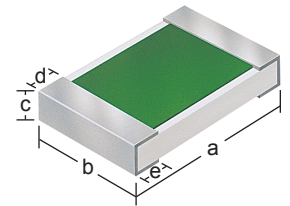




State of the Art, Inc.

Zero Ohm Chip Resistor

MIL-PRF-32159/05 Solderable RCZ2208



Performance

Power Rating	225 mW
Operating Range	-65 to 150°C
Product Levels	M & T
Current Rating	2.5 A
Maximum Resistance	0.035 Ω

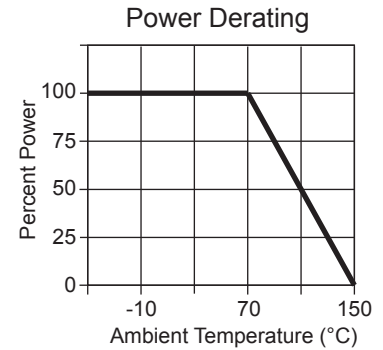
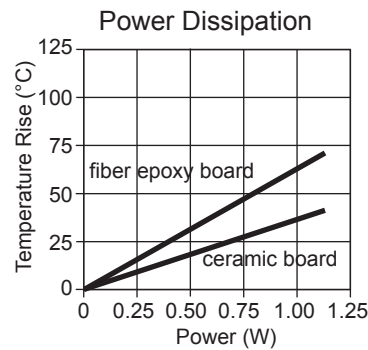
MIL-PRF-32159 provides zero ohm chip resistors (jumpers) at two product levels: military M and space level T. Both levels are subject to Group A, B, and C lot acceptance testing. While Group C does include a 2000 hour life test, it does not accumulate enough unit hours to provide an established reliability failure rate level.

Military level M is subject to Group A on a production lot basis while Groups B and C are performed on an inspection lot basis.

Space level T is subject to Groups A and B on a production lot basis while Group C is performed on an inspection lot basis. Group A includes 100% power conditioning to screen infant mortality.

Lot Acceptance Testing

Group A	Group B
Precap Visual	Short Time Overload
Thermal Shock	Mounting Integrity
Power Conditioning (space level only)	
Group C	
DC Resistance	Life (2000 hours)
Visual Inspection	Thermal Shock
Solderability	Low Temperature Operation
Resistance to Solvents	Resistance to Mounting
	Moisture Resistance
	High Temperature Exposure



Part Number

M32159B05M -TR

Packaging: -TR: Tape & Reel -W: Waffle Tray

Product Level: M: Military T: Space

Size: 05: RCZ2208

Termination Material: B: Solderable (SnPb solder over nickel)

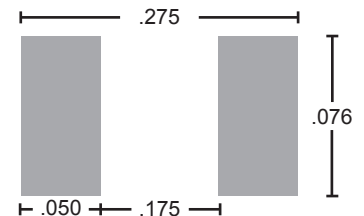
Performance Specification MIL-PRF-32159

Mechanical

	Inches	Millimeters
Length (a)	.225(.223 - .237)	5.72(5.66 - 6.02)
Width (b)	.070(.070 - .080)	1.78(1.78 - 2.03)
Thickness (c)	.028(.015 - .033)	0.71(0.38 - 0.84)
Top Termination (d)	.020(.015 - .025)	0.51(0.38 - 0.64)
Bottom Termination (e)	.020(.015 - .025)	0.51(0.38 - 0.64)

Approximate Weight 0.02620 g

Recommended Minimum Bond Pads (inches)



State of the Art, Inc. 2470 Fox Hill Road, State College, PA, USA 16803-1797

www.resistor.com Telephone: 814-355-8004 Toll Free: 800-458-3401 Fax: 814-355-2714

Specifications Subject to Change Without Notice

All Products Made in the USA

Copyright 2015 by State of the Art, Inc.