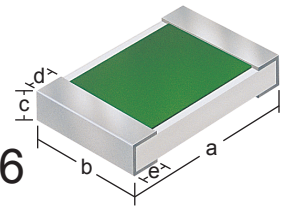




# State of the Art, Inc.

## Zero Ohm Chip Resistor

### MIL-PRF-32159/07 Epoxy Bondable RCZ1206



### Performance

Power Rating	250 mW		
Operating Range	-65 to 150°C		
Product Levels	M & T		
Termination Material	G	C	U
Current Rating	3.2 A	2.5 A	1.4 A
Maximum Resistance	0.025 Ω	0.040 Ω	0.125 Ω

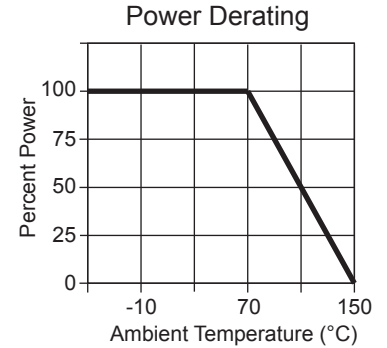
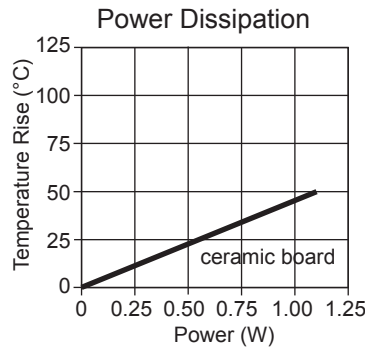
**MIL-PRF-32159** provides zero ohm chip resistors (jumpers) at two product levels: military M and space level T. Both levels are subject to Group A, B, and C lot acceptance testing. While Group C does include a 2000 hour life test, it does not accumulate enough unit hours to provide an established reliability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

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



### Part Number

## M32159C07M -TR

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

Product Level: M: Military T: Space

Size: 07: RCZ1206

Termination Material: C: Epoxy Bondable Silver U: Epoxy Bondable Platinum Gold G: Epoxy Bondable Gold

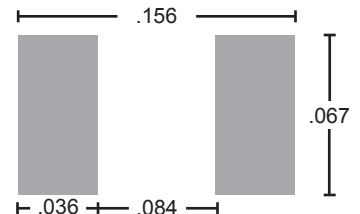
Performance Specification MIL-PRF-32159

### Mechanical

	Inches	Millimeters
Length (a)	.126(.118 - .134)	3.20(3.00 - 3.40)
Width (b)	.061(.058 - .068)	1.55(1.47 - 1.73)
Thickness (c)	.023(.015 - .033)	0.58(0.38 - 0.84)
Top Termination (d)	.016(.010 - .025)	0.41(0.25 - 0.64)
Bottom Termination (e)	.018(.015 - .025)	0.46(0.25 - 0.64)

Approximate Weight 0.00840 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.