

TERMINATION TAB & COVER 500 WATT



DATA SHEET

PART SERIES: 82A3209TCF

SHEET 1 OF 2
Dwg 82A3209TCF

EN 13-3434
Revision-

FEATURES

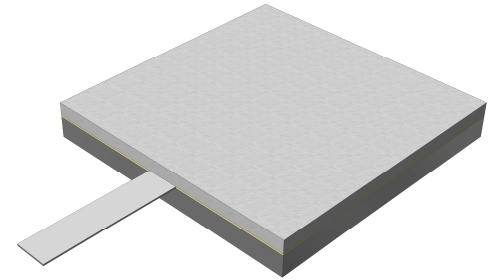
- Wide Band Response
- High Power
- Direct Attached
- Low VSWR
- Easy installation
- Excellent Heat Transfer

APPLICATIONS

- Mobile Networks
- Broadcast
- High Power Amplifiers
- Isolators
- Military
- Instrumentation

GENERAL DESCRIPTION

EMC Technology offers the widest selection of flangeless terminations worldwide. Tab and cover components offer the highest performance of any style of termination component.



ORDERING INFORMATION

Part Identifier: **82A3209TCF**

SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 ohms
Frequency Range:	DC - 2.5 GHz
VSWR:	1.25 Max @ DC – 2.0 GHz 1.50 Max @ 2.0 – 2.5 GHz
Input Power CW:	500
Peak Power:	5000
DC Resistance:	50 Ω \pm 5%

2.0 ENVIRONMENTAL

Operating Temperature:	-55°C to +150°C
Non-operating Temperature:	-65°C to +150°C
Temperature Coefficient:	+/-200 PPM / °C max

3.0 MARKING

Unit Marking:	EMC Logo and Part Number
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4.0 QUALITY ASSURANCE

Visual and Mechanical Inspection:	Per 824W107
DC Resistance Check:	100% DC Resistance Check
Data Retention:	Standard

5.0 PACKAGING

Standard Packaging:	Tray
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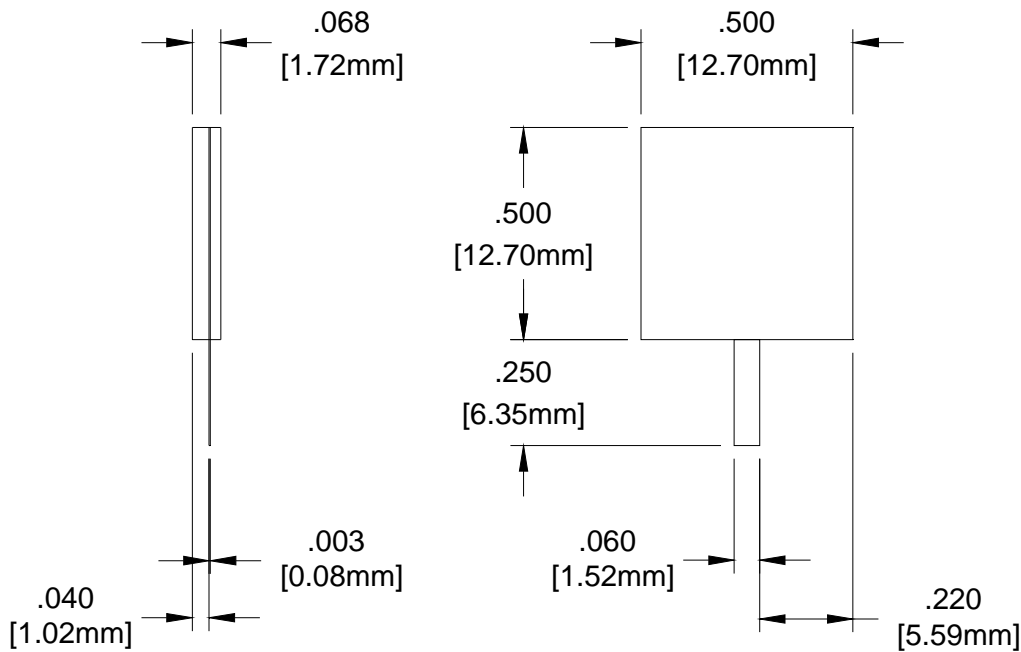
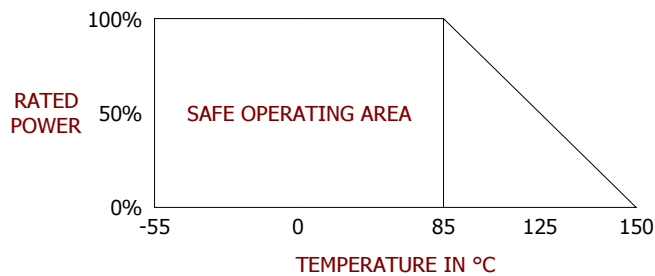
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6.0 MECHANICAL

Substrate Material:	Beryllium Oxide
Resistive Film:	Thin Film
Cover Material:	Alumina
Tab Material:	Beryllium Copper
Tab Finish:	Silver
Metric Dimensions:	Provided for reference only



Unless Otherwise Specified: TOLERANCE: X.XX = ± 0.01 X.XXX = ± 0.005