

# TERMINATION TAB & EPOXY 150 WATT



DATA SHEET

PART SERIES: 82A7194TEF

SHEET 1 OF 2  
Dwg 1014575

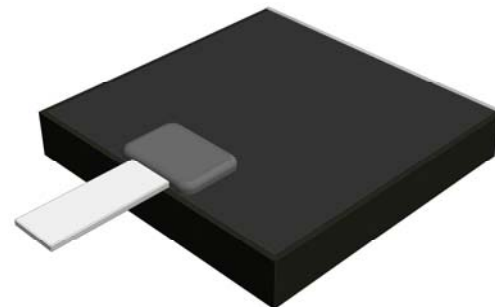
EN 15-0020  
Revision 1

## 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 epoxy components offer the highest performance of any style of termination component.

## ORDERING INFORMATION

**Part Identifier:** 82A7194TEF

## SPECIFICATIONS

### 1.0 ELECTRICAL

Nominal Impedance:	50 ohms
Frequency Range:	DC - 3.0 GHz
VSWR:	DC-2.0 GHz 1.30:1 Max 2.0-3.0 GHz 1.40:1 Max
Input Power CW:	150 Watts CW
DC Resistance:	50 ohms $\pm$ 2%

### 2.0 ENVIRONMENTAL

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

### 3.0 MARKING

Unit Marking:	None
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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:	Tape & Reel
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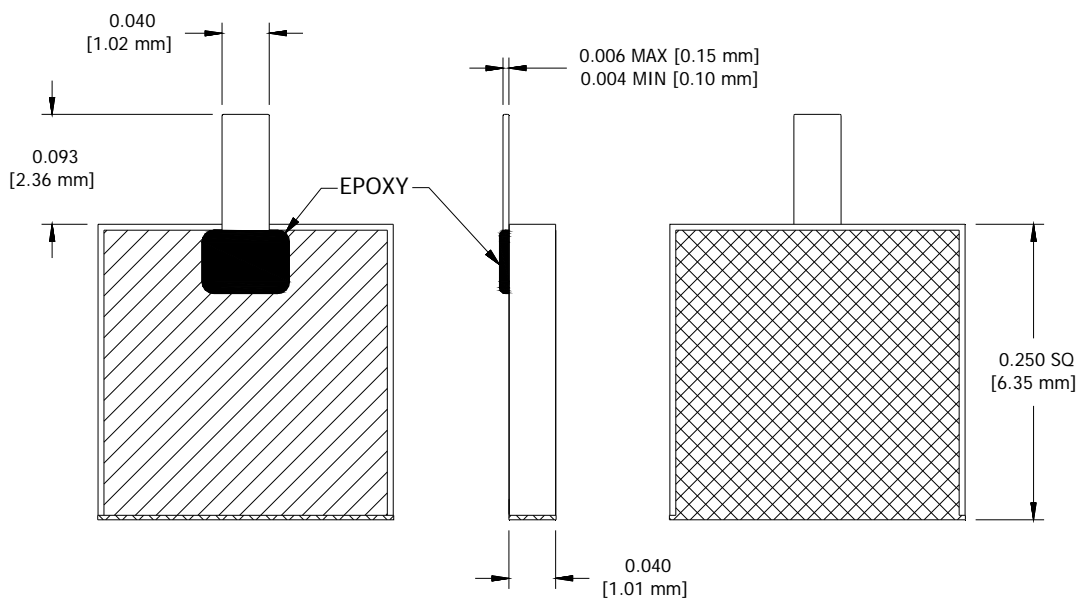
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## 6.0 MECHANICAL

Substrate Material:	Aluminum Nitride
Resistive Film:	Thin Film
Tab Material:	Beryllium Copper
Tab Finish:	Silver Plated
Metric Dimensions:	Provided for reference only



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