

# TERMINATION CHIP 120 WATT



DATA SHEET

PART SERIES: CT2335TALN

SHEET 1 OF 2  
Dwg 1010515

EN 14-0941  
Revision A

## FEATURES

- Wide Band Operation
- High Power
- Direct Attached
- Low VSWR
- Easy installation

## APPLICATIONS

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



## GENERAL DESCRIPTION

EMC Technology offers the widest selection of chip terminations worldwide. Chip components are offered in both thick and thin film resistive material and available in Alumina, Aluminum Nitride, Beryllium Oxide and CVD Diamond.

## ORDERING INFORMATION

**Part Identifier:** CT2335TALN

## SPECIFICATIONS

### 1.0 ELECTRICAL

Nominal Impedance:	50 $\Omega$
Frequency Range:	DC- 2.7 GHz
VSWR:	1.22:1 Max @ DC – 2.3 GHz 1.35:1 Max @ 2.3 – 2.7 GHz
Input Power CW:	120 Watts
DC Resistance:	50 $\Omega \pm 5\%$

### 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:	Pin 1 Indicator
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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 and Reel
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DATA SHEET

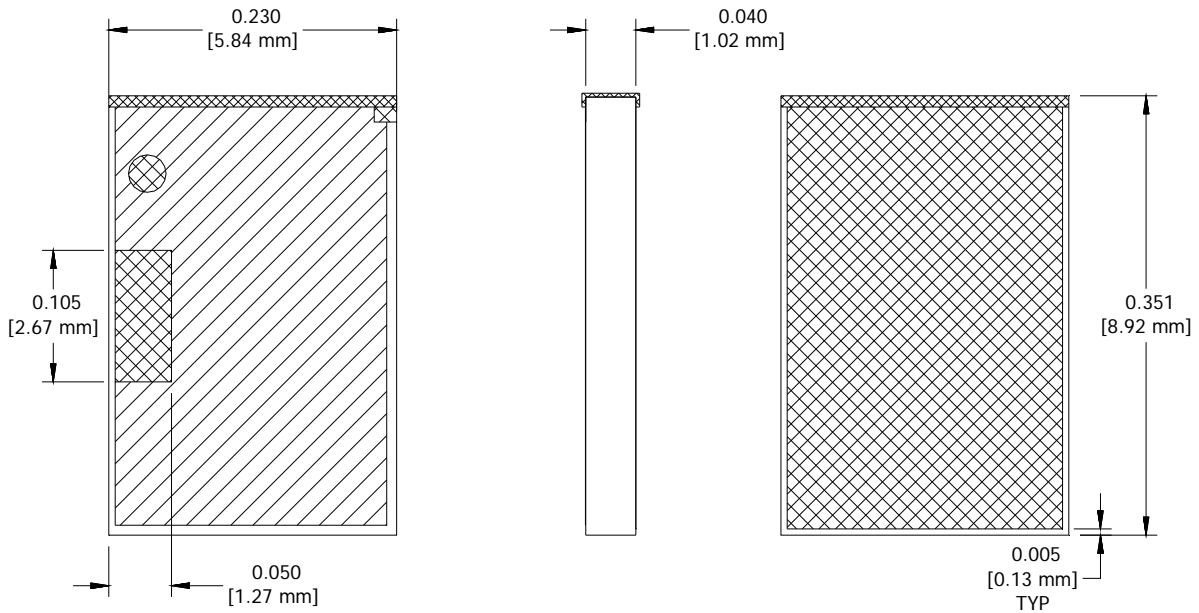
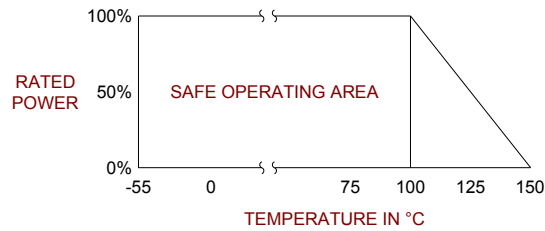
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## 6.0 MECHANICAL

Substrate Material:	Aluminum Nitride
Resistive Film:	Thick Film
Terminal Material:	Thick Film, Nickel Barrier, Solder Plating
Metric Dimensions:	Provided for reference only



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