TERMINATION
CHIP 120 WATT

DATA SHEET **PART SERIES: CT2335TALNF**

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: CT2335TALNF

SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 Ω
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 Ω ± 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:	Pin 1 Indicator

4.0 QUALITY ASSURANCE

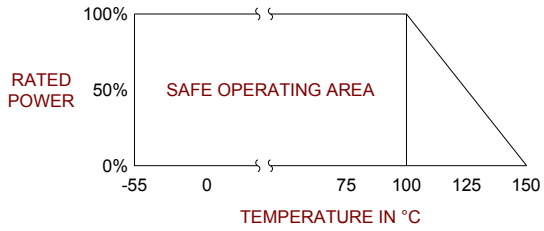
Visual and Mechanical Inspection:	Per 824W107
DC Resistance Check:	100% DC Resistance Check
Data Retention:	Standard

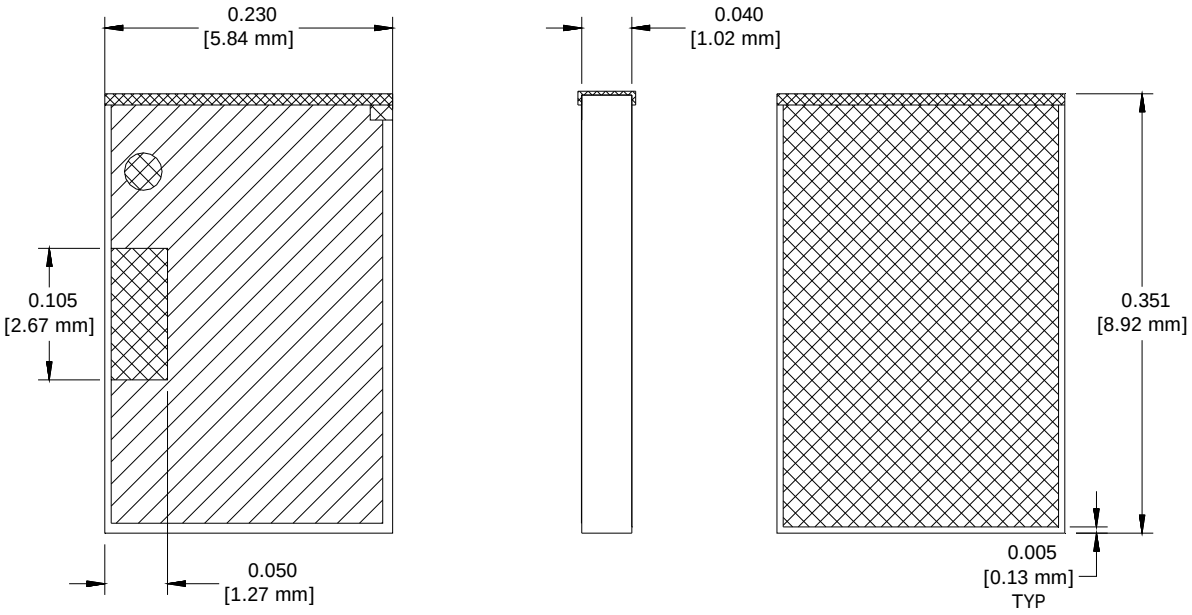
5.0 PACKAGING

Standard Packaging:	Tape and Reel

6.0 MECHANICAL

Substrate Material:	Aluminum Nitride
Resistive Film:	Thick Film
Terminal Material:	Thick Film, Lead Free Silver Plating
Metric Dimensions:	Provided for reference only





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