

TERMINATION CHIP 120 WATT



DATA SHEET

PART SERIES: CT2335TALN

SHEET 1 OF 2
Dwg 1008805

EN 14-0409
Revision -

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 ohms
Frequency Range:	DC- 3.0 GHz
VSWR:	1.25:1 MAX
Input Power CW:	120 Watts
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:	Input Dot
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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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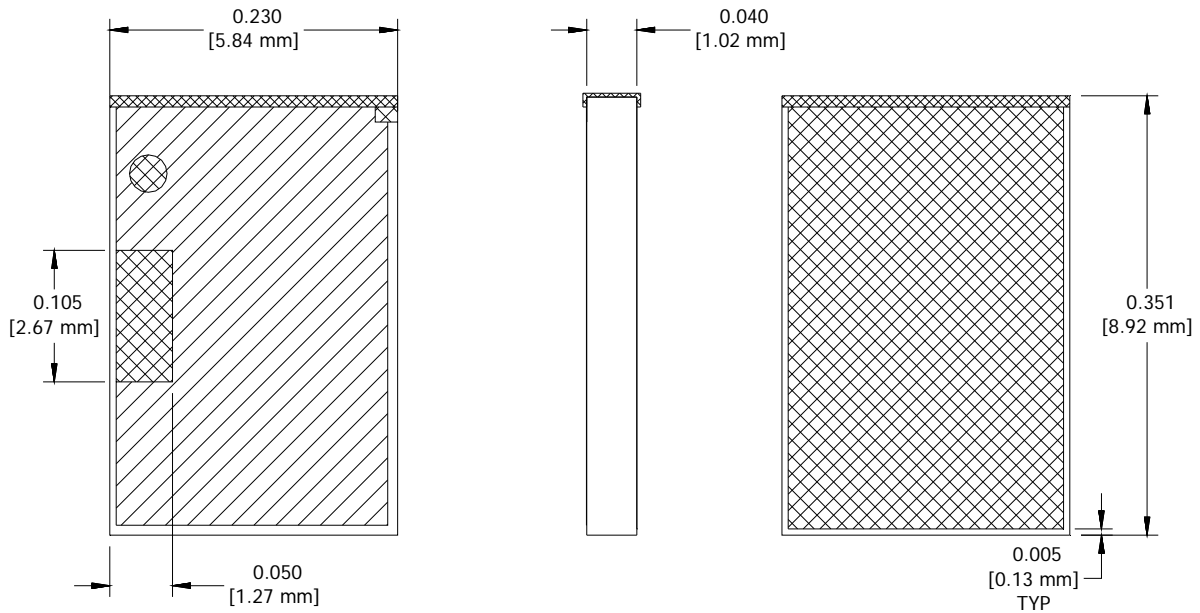
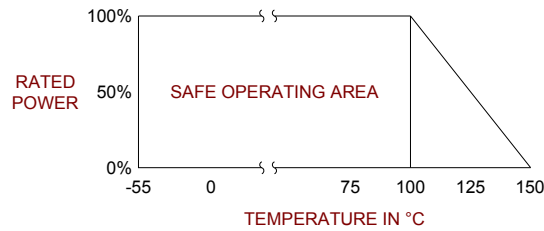
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6.0 MECHANICAL

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