CHIP
100 WATT TERMINATION

DATA SHEET **PART NUMBER: CT2335H** SHEET 1 OF 1 EN 13-0721 03/27/2013

FEATURES
- DC – 8.0 GHz
- 100 Watt
- BeO Substrate
- Low VSWR

APPLICATIONS
- Mobile Networks
- Broadcast
- High Power Amplifiers
- Instrumentation
- Isolators
- Military
- Satellite Communications

GENERAL DESCRIPTION
EMC Technology's terminations are designed for direct installation on printed circuit boards and manufactured using thick film technology. Edge metallization form the solder fillets for stronger attachment, easier inspection and increased heat removal area. The devices are available in Alumina, Aluminum Nitride or Beryllium Oxide.

SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 Ω
Frequency Range:	DC – 8.0 GHz
VSWR:	1.25:1 Max
Temperature Coefficient:	± 200 PPM/℃ Max
Power Rating:	100 Watts
Operating Temperature:	-55 ℃ To +125 ℃
DC Resistance:	50 Ω ± 2%

2.0 MECHANICAL

Substrate	Beryllium Oxide
Resistive Film:	Thick Film
Metallization:	Thick Film

3.0 UNIT MARKING
None

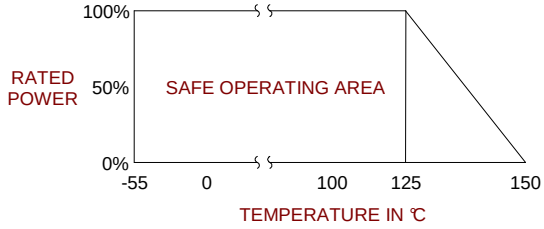
4.0 PACKAGING

Standard:	Tape and Reel
Optional:	Available Upon Request

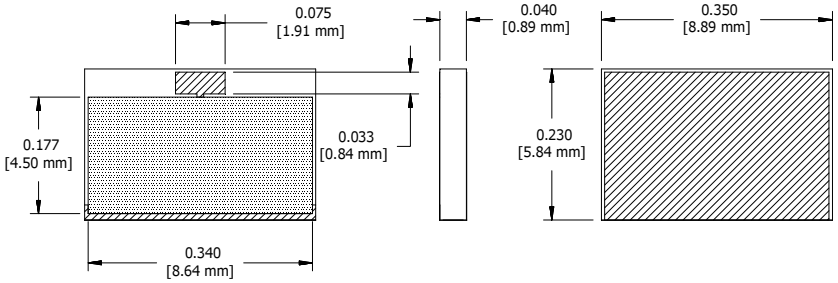
5.0 PART NUMBERING

Part Identifier:	CT2335H

POWER RATING AND DERATING



MECHANICAL OUTLINE



Note: Specifications are subject to change without notice.

TOLERANCE: ± .010