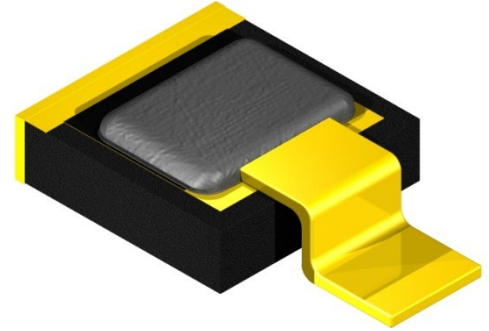


ORDERING INFORMATION

Part Identifier: HMXCT0505DTB

Group A, B, or C Testing



SPECIFICATIONS

1.0 ELECTRICAL

Nominal Impedance:	50 Ω \pm 5%
Frequency Range:	DC – 10 GHz
Input Power:	20 Watts
VSWR:	1.6:1 Max

2.0 ENVIRONMENTAL

Operating Temperature:	-55°C To +125°C
Non-operating Temperature:	-55 °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

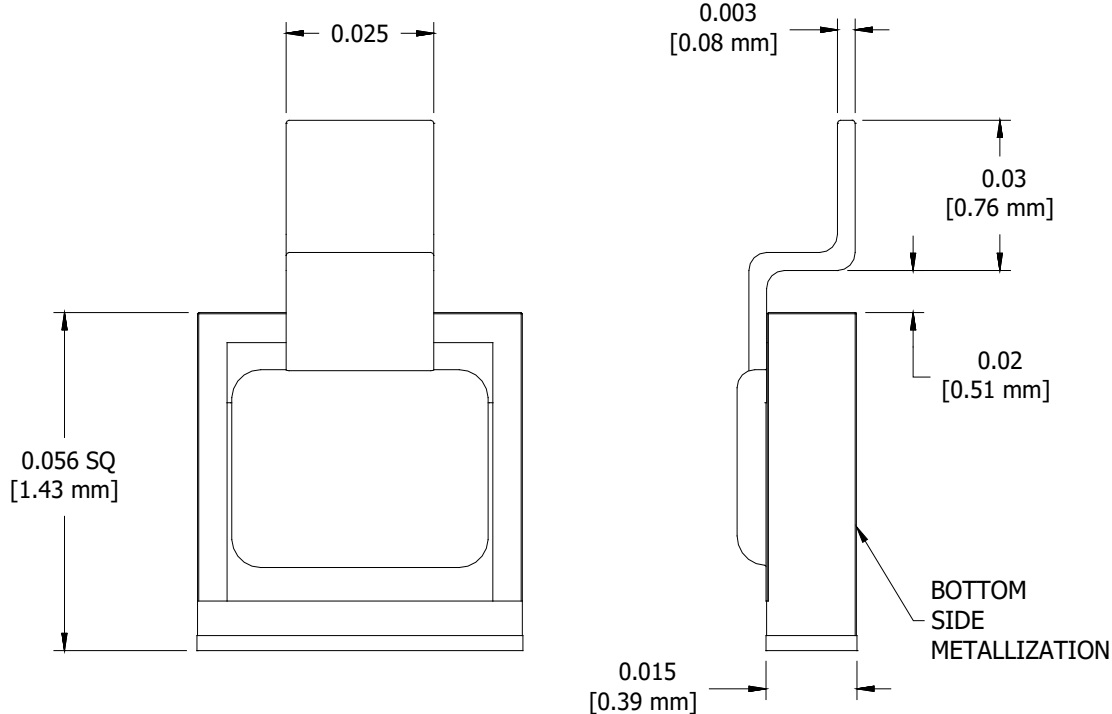
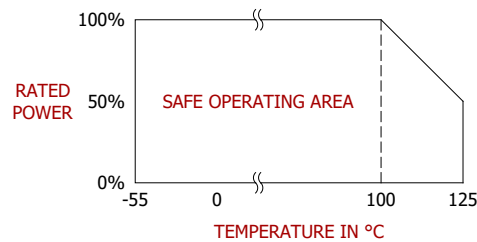
100% INSPECTION – PER TP-9108
 GROUP A TESTING – PER TP-9108
 GROUP B TESTING – PER TP-9108
 GROUP C TESTING – PER TP-9108
 TEST DATA REQUIREMENTS – SERIALIZED DATA
 TEST DATA RETENTION – 24 MONTHS

5.0 PACKAGING

Standard:	Waffle Packaging
Optional:	Tape and Reel

6.0 MECHANICAL

Substrate Material:	CVD Diamond
Resistive Element:	Passivated TaN
Metallization: Bottom Side:	Platinum (1200 Angstroms Nominal) Gold (1500 Angstroms Nominal)
Tabs:	Gold Plated
Metric Dimensions:	Provided for reference only



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