

## ORDERING INFORMATION

**PART IDENTIFIER: CT1005AF**

## SPECIFICATIONS

### 1. ELECTRICAL:

Impedance:	50 $\Omega$ Nominal.
DC Resistance:	50 $\Omega$ +/-5%.
Frequency:	0.8 – 2.5 GHz.
VSWR:	1.25:1 Max.
Input Power:	Heat Sink 100°C: 2 Watts. (Derate Power Linearly To 0 Watts @ 150°C).

### 2. ENVIRONMENTAL:

Non-Operating Temperature:	-55°C To +150°C.
Operating Temperature:	-55°C To +125°C.

### 3. MARKING:

Unit Marking:	No Marking.
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### 4. QUALITY ASSURANCE:

Sample Inspect Per ANSI/ASQC Z1.4 General Inspection, Level II, AQL = 1.0.

Visual And Mechanical Per 824W154.

DC Resistance: 50 $\Omega$   $\pm$  5%.

Data Requirements:

No Test Data Required for Customer.

Data Retention – Standard.

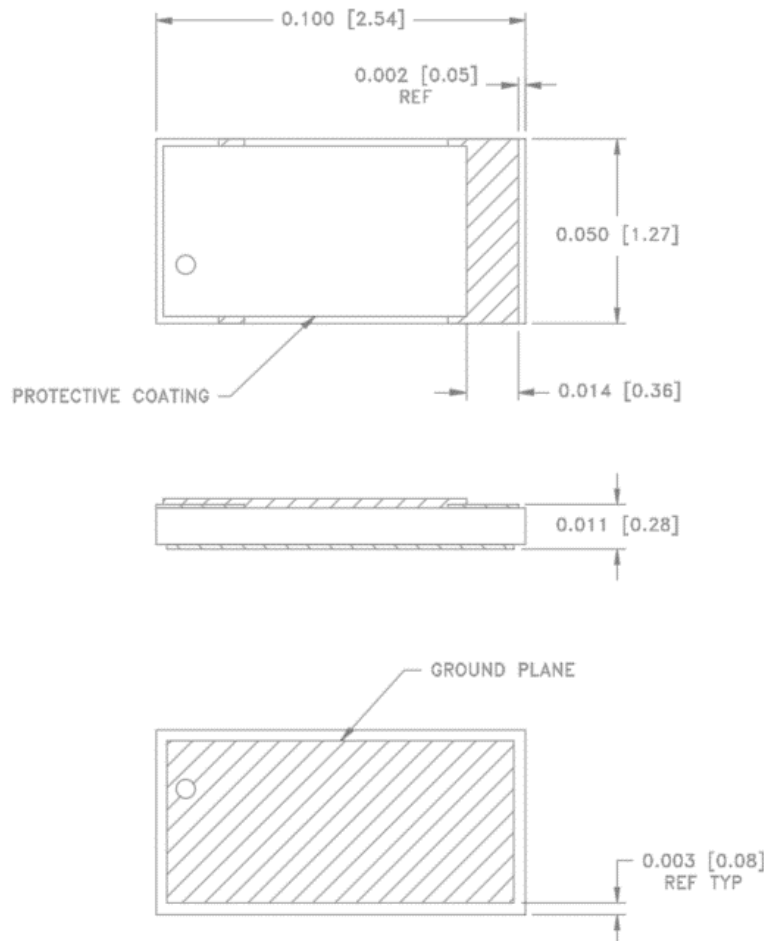
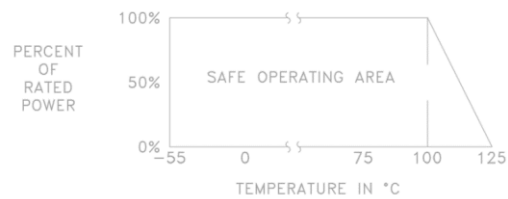
### 5. PACKAGING:

Standard Pack per 755W002

### 6. MECHANICAL:

Substrate (Material):	Alumina, MIL-I-10.
Terminals and Ground Plane (Material):	Thick Film, Lead Free Plating. RoHS Compliant.
Resistive Element (Material):	Thick Film.

## POWER RATING AND DERATING



Unless Otherwise Specified: TOLERANCE: X.XX =  $\pm 0.02$  X.XXX =  $\pm 0.010$ .