

## ORDERING INFORMATION

PART IDENTIFIER: CT1005TALN

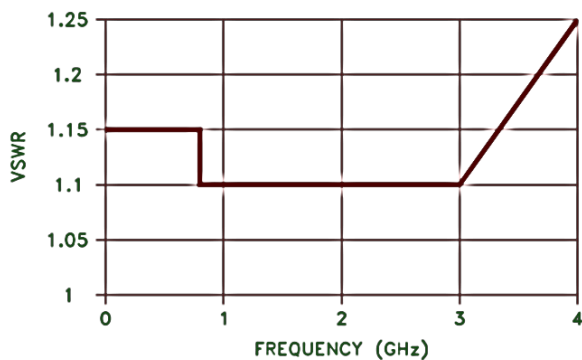
## SPECIFICATIONS

## 1. ELECTRICAL:

Impedance: 50  $\Omega$  Nominal.DC Resistance: 44  $\Omega$  Nominal.

Frequency: DC - 4 GHz.

VSWR:



Input Power: Heat Sink 100°C: 15 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.

## 4. QUALITY ASSURANCE:

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

Visual And Mechanical Per 824W154.

DC Resistance: 44  $\Omega \pm 5\%$ .

Data Requirements:

No Test Data Required for Customer.

Data Retention – Standard

**5. PACKAGING:**

Standard Pack per 755W002.

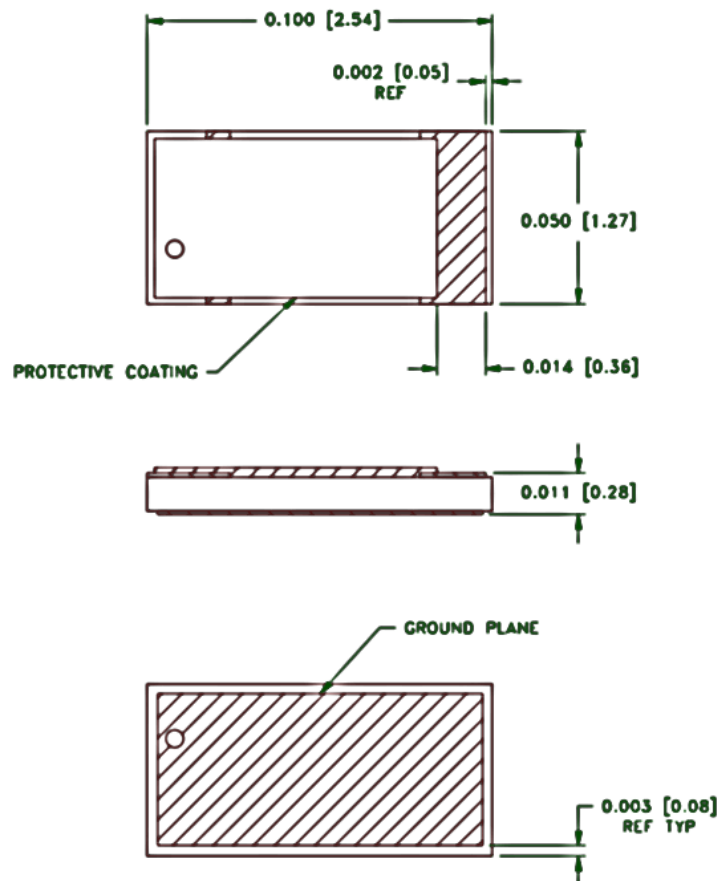
**6. MECHANICAL:**

Substrate (Material): Aluminum Nitride MIL-I-10.

Terminals and Ground Plane (Material): Thick Film, Nickel Barrier. Solder Plated.

Resistive Element (Material): Thick Film.

Workmanship: Per MIL-STD-454, Requirement 9.



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