



ORDERING INFORMATION

PART IDENTIFIER: CT3737TALNF

ASSEMBLY DWG: 2900194

SPECIFICATIONS

1. ELECTRICAL:

Impedance: 50 Ω Nominal.

Frequency: DC – 3.0 GHz.

VSWR: 1.15:1 Max.

Input Power: Heat Sink 100°C: 180 Watts (Derate Power Linearly To 0 Watts @ 150°C).

2. ENVIRONMENTAL:

Non-Operating: -55°C To +150°C.

Operating: -55°C To +150°C.

3. MARKING:

Unit Marking: None.

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 Ω ± 5%.

Data Requirements:

No Test Data Required for Customer.

Data Retention – 24 Months

5. PACKAGING:

Standard Packing Per 755W002.

6. MECHANICAL:

Workmanship: Per MIL-PRF-55342.

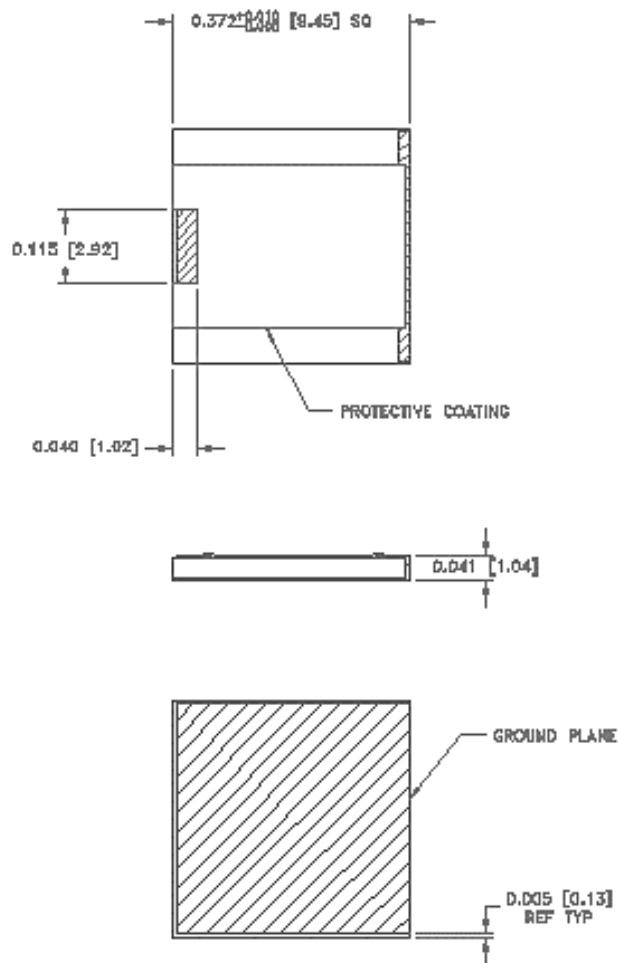
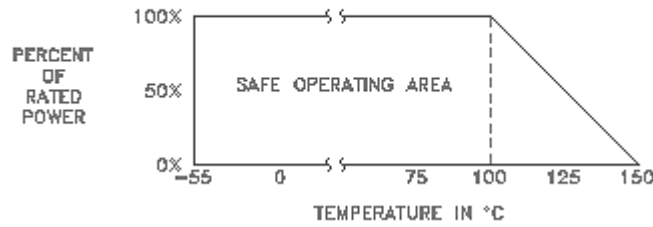
Substrate: Material - Aluminum Nitride MIL-I-10.

Terminals And Ground Plane: Material - Thick Film, Lead Free Plating, RoHS Compliant.

Resistive Element: Material – Thin Film.



POWER RATING AND DERATING



Unless Otherwise Specified: Tolerance: X.XXX = ± 0.005.

Metric equivalents given in [mm] for reference information only.