

ORDERING INFORMATION

PART IDENTIFIER: CT3737TALN

ASSEMBLY DWG: 2900134

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.
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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.

100% Dc Resistance Check (Go/No Go): 50 Ω \pm 5%.

Data Requirements:

No Test Data Required.

Data Retention – 24 Months.

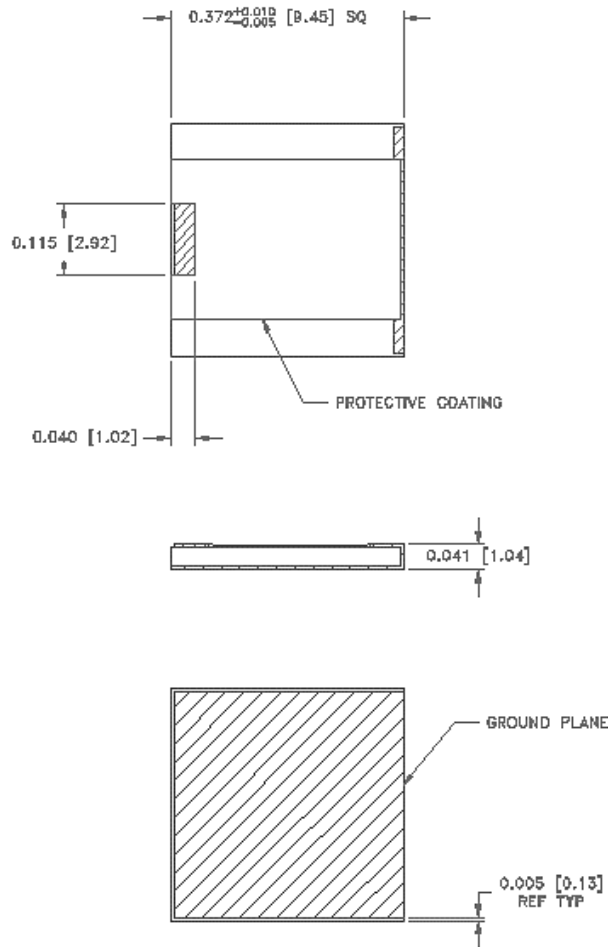
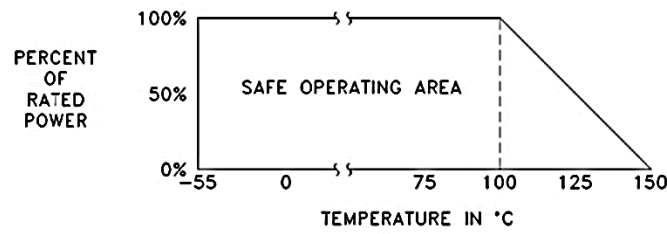
5. PACKAGING:

Standard Packing Per 755W002.

6. MECHANICAL:

Workmanship:	Per MIL-PRF-55342.
Substrate:	Material-Aluminum Nitride, MIL-I-10.
Terminal & Ground Plane:	Material-Thick Film, Nickel Barrier, Solder Plated.
Resist:	Material-Thin Film.

POWER RATING AND DERATING



Unless Otherwise Specified:

Tolerance: X.XXX = ± 0.005.

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