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LOC	DIST
DF	X0

REVISIONS

F	LTR	DESCRIPTION	DATE	DWN	APVD
	0	RELEASED	1-02	CT	RG

COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A-484 OR ASTM-A-582 TYPE 303	GOLD PLATED PER ASTM-B-488
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-1457	–
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197 ALLOY C17300, CONDITION H	GOLD PLATED PER ASTM-B-488

ENVIRONMENTAL

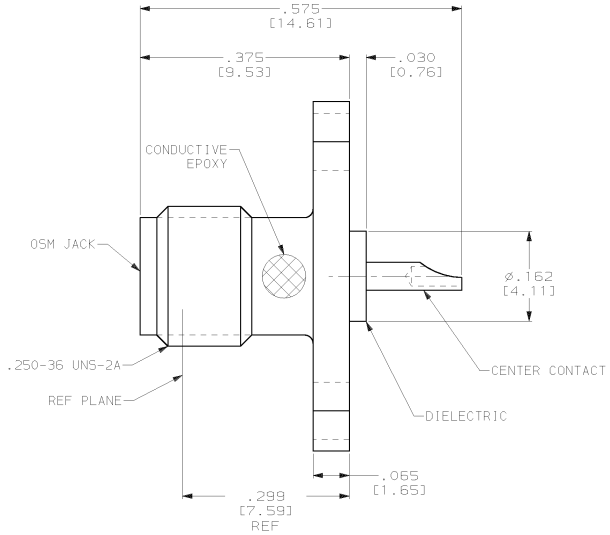
TEMPERATURE RATING: -65°C TO +105°C
VIBRATION: MIL-STD-202, METHOD 204, CONDITION D
SHOCK: MIL-STD-202, METHOD 213, CONDITION 1
MOISTURE RESISTANCE: MIL-STD-202, METHOD 106
CORROSION: MIL-STD-202, METHOD 101, CONDITION B, 5% SALT SPRAY
THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION A

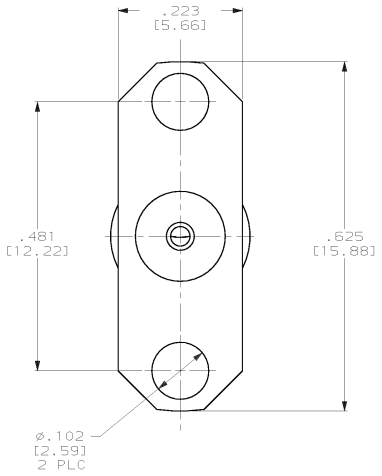
MECHANICAL

INTERFACE DIMENSIONS: MIL-STD-348A FIG. 310.2
RECOMMENDED MATING TORQUE: 7-10 IN LBS
FORCE TO ENGAGE & DISENGAGE (IN-LBS MAX.): 2.0
WEIGHT (GRAMS): 1.7
MATING CHARACTERISTICS: INSERTION (MAX LBS): 3.0
WITHDRAWAL (MIN OZ): 1.0
CABLE RETENTION: AXIAL FORCE (LBS): N/A
TORQUE (IN-OZ): N/A
CENTER CONTACT CAPTIVATION: AXIAL (LBS): 6.0
RADIAL (IN-OZ): 4.0

ELECTRICAL

NORMAL IMPEDANCE (OHMS): 50
FREQUENCE RANGE (GHz): DC TO 18.0
VOLT RATING @ SEA LEVEL (VRMS MAX): 335
VSWR: 1.050+.005f(GHz)
INSERTION LOSS: (dB MAX): .03 $\sqrt{f(GHz)}$
RF LEAKAGE (dB MIN): -[60-f(GHz)]
CORONA 70,000 FT (VRMS MIN): 250
DIELECTRIC WITHSTANDING VOLTAGE (VRMS MIN) AT SEA LEVEL: 1000
I.R. (MEGOHMS MIN): 10000
RF HIGH POTENTIAL AT SEA LEVEL (VRMS MIN @ 5 MHz): 670
CONTACT RESISTANCE (MILLIOHMS MAX):
CENTER CONTACT, 2.0
OUTER CONTACT: 2.0
CABLE TO HOUSING: N/A





1484598-1
PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±-
2 PLC ±-
3 PLC ±.005 [0.13]
4 PLC ±-
ANGLES ±-
MATERIAL: SEE TABLE
FINISH: SEE TABLE

DWN C.C.THOMAS 1-3-02
CHK R.GROSS 1-3-02
APVD R.GROSS 1-3-02
PRODUCT SPEC –
USE ASSEMBLY PROCEDURE –
WEIGHT SEE TABLE
CUSTOMER DRAWING

tyco Electronics
TYCO Electronics Corporation, Harrisburg, PA 17105-3608
NAME OSM FLANGE MOUNT JACK RECEPTACLE,RF
SIZE A2 | CAGE CODE 00779 | DRAWING NO 1484598 | RESTRICTED TO –
SCALE 8:1 | SHEET 1 OF 1 | REV 0

REF: 2052-1300-50

AMP 1471-9 REV 11JUN97

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