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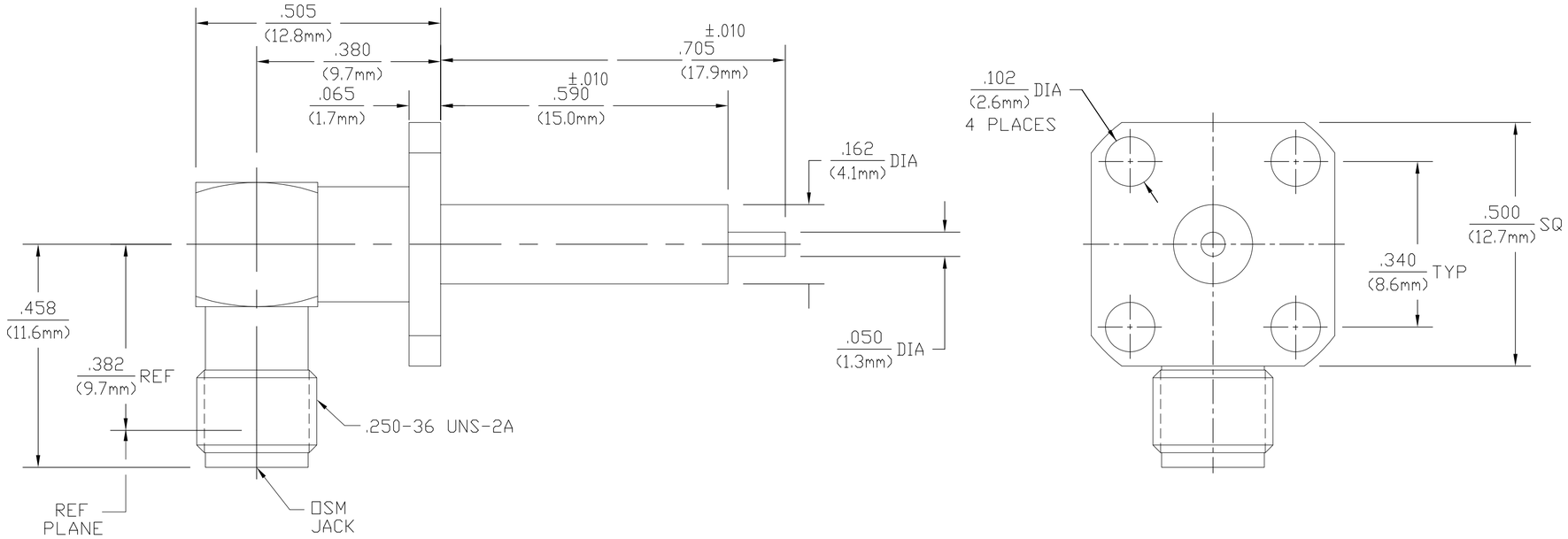
LOC	DIST
AJ	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	REDRAWN AND UPDATED	01-22-91	-	S.T.M
	B	REVISED PER ECO-08-030676	02-24-09	AEG	JKO



1 BRASS
2 STAINLESS STEEL
3 BERYLLIUM COPPER
4 PTFE
5 GOLD PLATE
6 PASSIVATED
7 SILICONE RUBBER
8 NICKEL PLATE

ELECTRICAL

Nominal Impedance (Ohms) 50
Frequency Range (GHz) DC to 12.4
Volt Rating (VRMS MAX)
@ Sea Level 335
VSWR 1.1 +.010f GHz
Insertion Loss (dB MAX) .08 $\sqrt{f_{GHz}}$
RF Leakage (dB MIN) -[90-f(GHz)]

Dielectric Withstanding Voltage
(VRMS MIN) @ Sea Level 1,000
Contact Resistance (Milliohms MAX)
Center Contact 4.0
Outer Contact 2.0
Cable to Housing N/A
RF High Potential @ Sea Level
(VRMS MIN @ 5 MHz) 670
I.R.(Megohms MIN) 5,000

MECHANICAL

Interface Dimensions MIL-STD-348A,
Fig. 310.2
Recommended Mating
Torque N/A
Mating Characteristics:
Insertion (MAX Lbs) 3.0
Withdrawal (MIN Oz) 1.0
Force to Engage and
Disengage (In/Lbs MAX) 2.0
Center Contact Captivation
Axial (Lbs) 6.0
Radial (In/Oz) 4.0
Cable Retention
Axial Force (Lbs) N/A
Torque (In/Oz) N/A
Weight (Grams) 5.2

ENVIRONMENTAL

TEMPERATURE RATING -65°C TO 125°C
Vibration MIL-STD-202, Method
204, Condition D
Shock MIL-STD-202, Method 213,
Condition I
Thermal Shock MIL-STD-202,
Method 107, Condition B,
EXCEPT HIGH TEMP 115°C
Moisture Resistance MIL-STD-202,
Method 106, Except Vibration
Shall Be Omitted
Corrosion - MIL-STD-202, Method
101, Condition B, 5% salt spray

4	3 5	1 8	1 8	3 5	1052978-2
4	3 5	2 6	2 6	3 5	1052978-1
DIELECTRIC	CONTACT EXT	CAP	SUB-ASSY	CENTRE CONTACT	TE PN

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± 1°

MATERIAL -
FINISH -

DWN	PL	4/21/79
CHK	KW	5/10/79
APVD	GH	5/10/79
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME
OSM FLANGE MOUNT 4 HOLE RIGHT ANGLE
RECEPTACLE STRAIGHT TERMINAL

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C-1052978	-

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV B

1052978

1471-9 (1/08)