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REVISIONS

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16

LTR

DESCRIPTION

DATE _____

DWN

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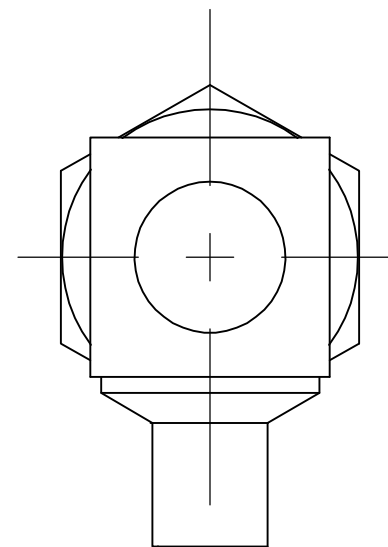
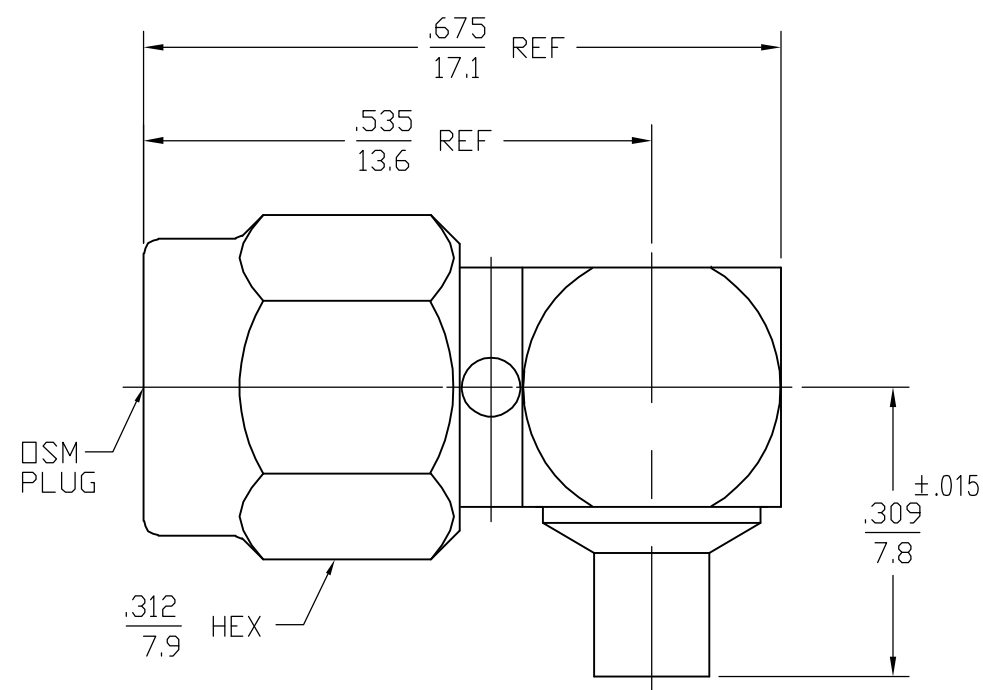
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REVISÉ PER ECO-05-007687

02SEP05

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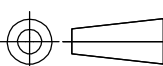


1. DESIGNED FOR USE WITH .085 SEMI-RIGID CABLE.
CABLE ENTRY DIAMETER: HOUSING .088 MIN
CONTACT .037 MIN
2. USE INSTRUCTION SHEET 408-4944.

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ω ms) <u>50</u>	Interface Dimensions MIL-STD-348A, Fig. <u>310.1</u>	TEMPERATURE RATING <u>-65°C TO +165°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D.
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Torque <u>7-10 in-lbs</u>	Shock MIL-STD-202, Method 213, Condition I.
VSWR <u>1.18 +0.015F</u> (GHz)	Mating Characteristics:	Thermal Shock MIL-STD-202, Method 107, Condition B,
Insertion Loss (dB MAX) <u>.05 \sqrt{f}(GHz)</u>	Insertion (MAX Lbs) <u>N/A</u>	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) <u>-90 @ 2-3 GHz</u>	Withdrawal (MIN Ω z) <u>N/A</u>	Moisture Resistance MIL-STD-202, Method 106
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Force to Engage and Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1,000</u>	Center Contact Captivation	
Contact Resistance (Milliohms MAX) Center Contact <u>4.0</u>	Axial (Lbs) <u>6.0</u>	
Outer Contact <u>2.0</u>	Radial (In- Ω z) <u>N/A</u>	
Cable to Housing <u>0.5</u>	Cable Retention	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Axial Force (Lbs MIN) <u>30</u>	
I.R.(Megohms MIN) <u>5,000</u>	Torque (In- Ω z) <u>16</u>	
	Weight (Grams) <u>TBD</u>	
		<u>.XXX = in</u> <u>XX.X = mm</u>

COUPLING NUT	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
HOUSING CAP	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	GOLD PLATE PER MIL-G-45204
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
RETAINING RING	BERYLLIUM COPPER PER ASTM B 194, ALLOY C17200, CONDITION H	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

1051114-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R.B.G. 11-19-76		 Tyco Electronics Corporation Harrisburg, PA 17105-3608	
		CHK E.C.A. 11-23-76			
DIMENSIONS: INCHES[mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME OSM HIGH FREQUENCY, RIGHT ANGLE CABLE PLUG DIRECT SOLDER	
		0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± 1°			
MATERIAL -		FINISH -		SIZE A3	
		WEIGHT -		CAGE CODE 00779	
				DRAWING NO C-1051114-1	
CUSTOMER DRAWING				RESTRICTED TO -	
				SCALE 5:1	
				SHEET 1 OF 1	
				REV B	

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