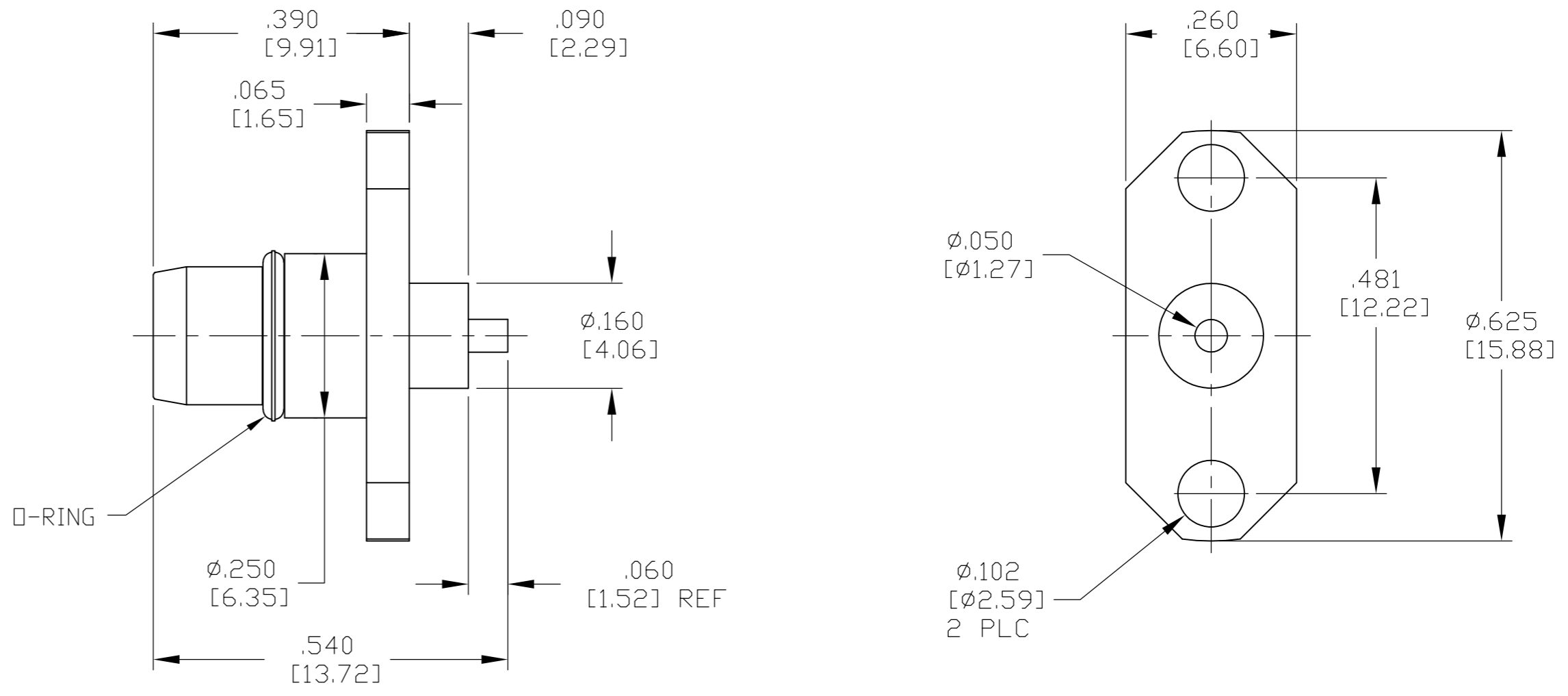


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
DF	X0	A	RELEASED	6-7-07	CT	BM	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions	TEMPERATURE RATING -65° TO +125°C
Frequency Range (GHz) DC to 18	Per OMNI-SPECTRA CATALOG	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 500	Force to Engage (In-Lbs MAX) 3 & Disengage (In-Lbs MAX) 1.5	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.05+.005F(GHz) DC to 18 GHz	Center Contact Captivation	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03x √f(GHz)	Axial (Lbs) 6.0	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Fully Mated) -(60-f(GHz))	Weight (Grams) TBD	Corrosion - MIL-STD-202, Method 101, Condition B
Corona, 70,000 Ft (VRMS MIN) 335		
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000		
Contact Resistance (Milliohms MAX)		
Center Contact 2.0		
Outer Contact 2.0		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 1000		
I.R.(Megohms MIN) 5000		



HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER ASTM-A380
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 OVER NICKEL PLATE PER QQ-N-290
"O" - RING	FLUOROSILICONE PER MIL-R-25988, CLASS 1, TYPE 1	N/A
COMPONENT	MATERIAL	FINISH

1996085-1
PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 6-7-07	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
DIMENSIONS: INCHES [mm]		CHK B.MOYER 6-7-07	NAME OSP 2 HOLE FLANGE MOUNT PLUG-STRAIGHT TERMINAL	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B.MOYER 6-7-07	SIZE A2 CAGE CODE 00779 C=1996085	
0 PLC ± -		PRODUCT SPEC	DRAWING NO 1996085	
1 PLC ± -		APPLICATION SPEC	RESTRICTED TO	
2 PLC ± -			SCALE 5:1 SHEET 1 OF 1 REV A	
3 PLC ± .005 [0.13]				
4 PLC ± -				
ANGLES ± -				
MATERIAL SEE TABLE	FINISH SEE TABLE	WEIGHT -		
CUSTOMER DRAWING				