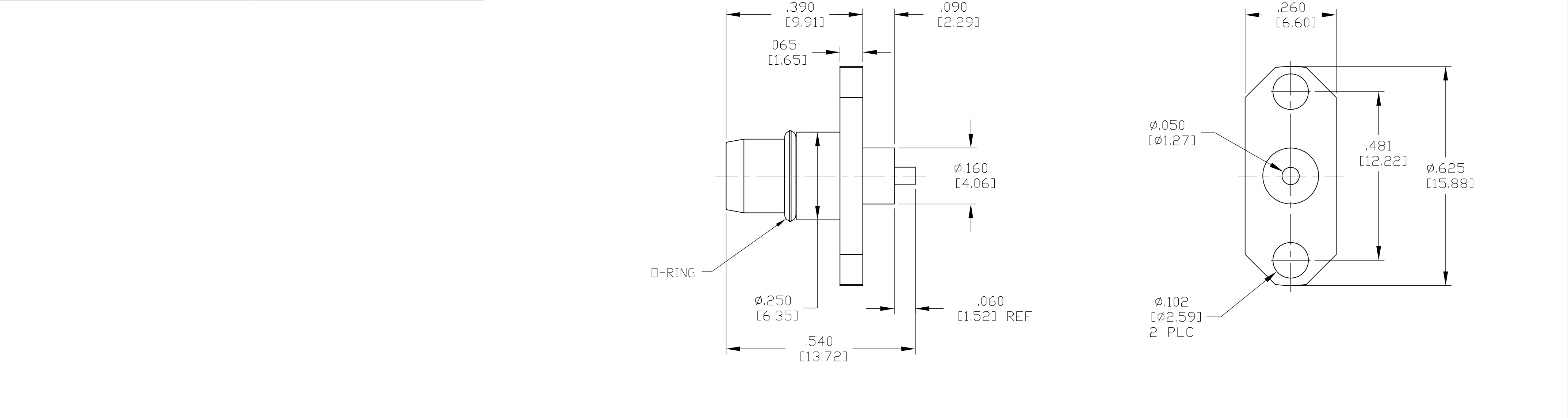


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ELECTRICAL		MECHANICAL		ENVIRONMENTAL		REVISIONS	
Nominal Impedance (Ohms) 50		Interface Dimensions		TEMPERATURE RATING -65° TO +125°C		P LTR	
Frequency Range (GHz) DC to 18		Per OMNI-SPECTRA CATALOG		Vibration MIL-STD-202, Method 204, Condition D		DESCRIPTION	
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		DATE	
VSWR 1.05+.005f(GHz) DC to 18 GHz		Center Contact Captivation		Thermal Shock MIL-STD-202, Method 107, Condition B		DWN	
Insertion Loss (dB MAX) .03x √f(GHz)		Axial (Lbs) 6.0		Moisture Resistance MIL-STD-202, Method 106		APVD	
RF Leakage (dB MIN) (Fully Mated) -(60-f(GHz))		Weight (Grams) TBD		Corrosion - MIL-STD-202, Method 101, Condition B		RELEASED	
Corona, 70,000 Ft (VRMS MIN) 335						6-7-07	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000						CT	
Contact Resistance (Milliohms MAX) Center Contact 2.0						BM	
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 FLUDROCARBON 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
"Ø" - 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.THOMAS6-7-07	Tyco Electronics Corporation Harrisburg, PA 17105-3608					
DIMENSIONS: INCHES [mm]		CHK B.MOYER6-7-07						
	TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B.MOYER6-7-07	NAME OSP 2 HOLE FLANGE MOUNT PLUG-STRAIGHT TERMINAL				
			PRODUCT SPEC					
			APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	MATERIAL SEE TABLE		FINISH SEE TABLE	WEIGHT —	A2	00779	C=1996085	—
CUSTOMER DRAWING			SCALE	5:1	SHEET	1 OF 1	REV	A