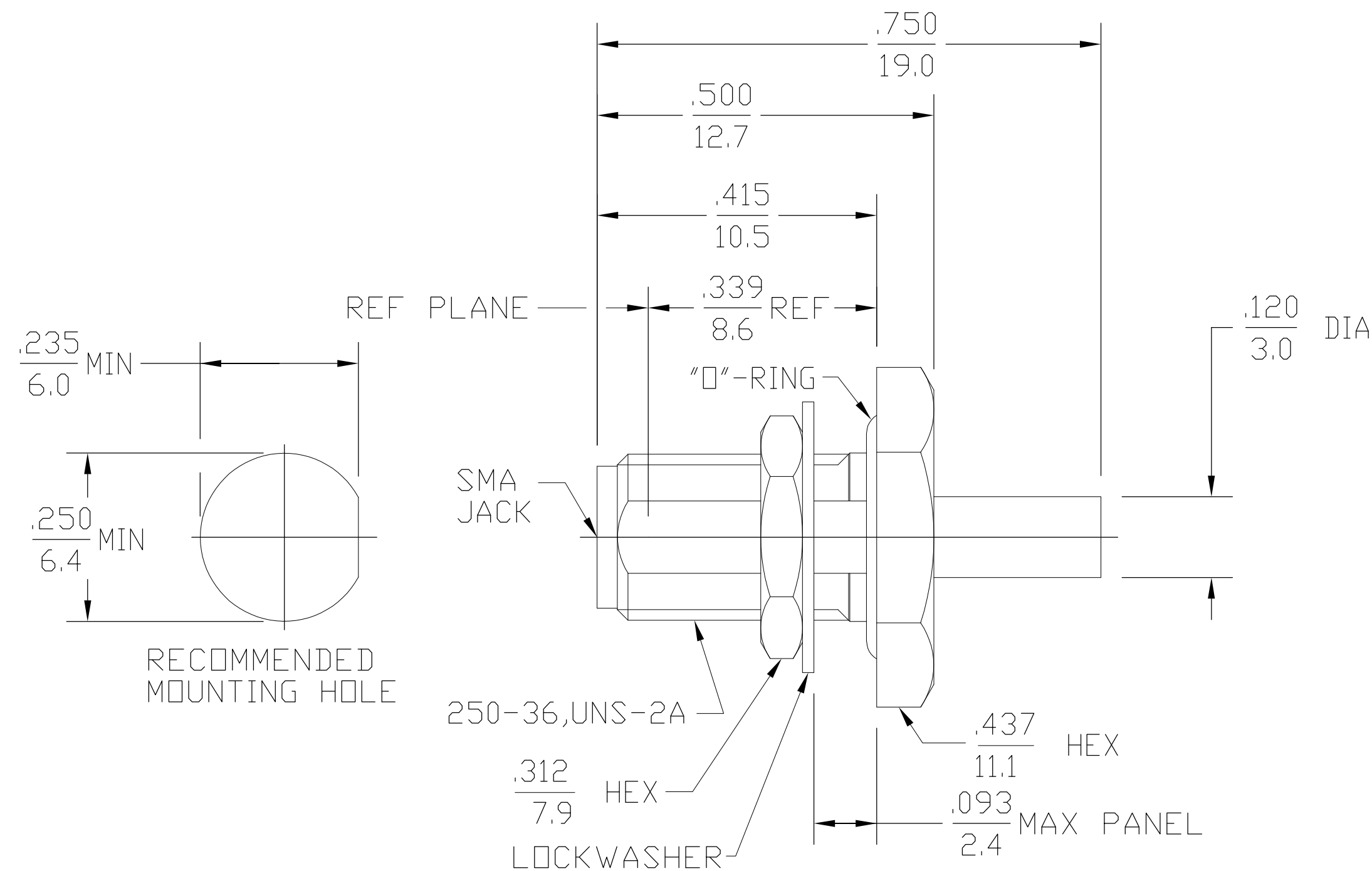


CABLE ENTRY DIA. MIN.		LOC	DIST	REVISIONS					
HOUSING	.089	AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
CONTACT	.021				B	REV PER ECO 07-027471	1/16/2008	DW	JL



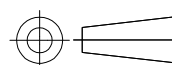
NOTE: DESIGN FOR USE WITH .085 DIA
SEMI-RIGID CABLE

DESIGN CONTROL REQUIRED

1046276-1
PART NUMBER

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions MIL-STD-348, Fig. 310.2	TEMPERATURE RATING -65°C TO +105°C
Frequency Range (GHz) DC to 18	Recommended Mating Torque 7-10 INLBS	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level 335	Mating Characteristics: Insertion (MAX Lbs) 3.0	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07 + .008 f(GHz)	Withdrawal (MIN Oz) 1.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03 $\sqrt{f}$ (GHz)	Force to Engage and Disengage (In/Lbs MAX) 2.0	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) -90 @ 2 to 3 (GHz)	Center Contact Captivation Axial (Lbs) N/A	Moisture Resistance MIL-STD-202, Method 106, Insulation Resistance
Corona, 70,000 Ft (VRMS MIN) 250	Radial (In/Oz) N/A	Shall Be 200 Megohms min within 5 Minutes After Removal From Humidity
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Cable Retention Axial Force (Lbs) 30	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact 3.0	Torque (In/Oz) 16	
Outer Contact 2.0	Weight (Grams) 3.5	
Cable to Housing 0.5		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670		
I.R.(Megohms MIN) 10,000		

HOUSING MOUNTING NUT	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 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER MIL-G-45204
LOCKWASHER	PHOSPHOR BRONZE PER QQ-B-750, GRADE B2 OR TIN BRASS PER ASTM-B-591	GOLD PLATE PER MIL-G-45204
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN D.CAMELIO 4/3/95	 Tyco Electronics Corporation Harrisburg, PA 17105-3608			
DIMENSIONS: INCHES		CHK — 4/3/95				
	TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME SMA STRAIGHT BULKHEAD FEEDTHROUGH CABLE JACK DIRECT SOLDER ATTACHMENT (1250-1754-00)			
	0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°		PRODUCT SPEC —			
	MATERIAL —		APPLICATION SPEC 408-04769			
	FINISH —		SIZE A2			
		WEIGHT —	CAGE CODE 00779	DRAWING NO C-1046276-1	RESTRICTED TO —	
		CUSTOMER DRAWING		SCALE 1:1	SHEET 1 OF 1	REV B

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