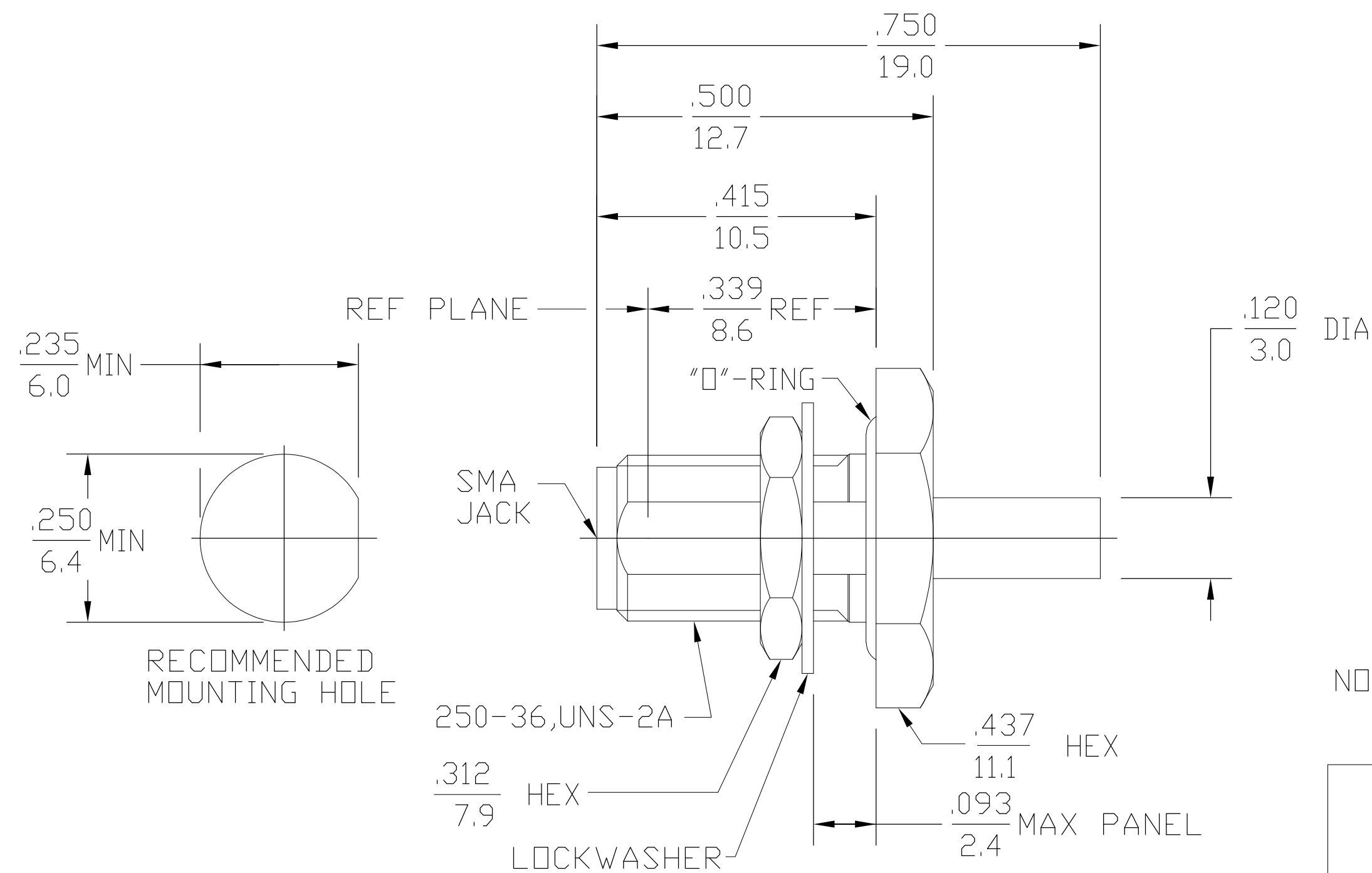


CABLE ENTRY DIA. MIN.		LOC	DIST	REVISIONS					
HOUSING	.089	AJ	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
CONTACT	.021				B	REV PER ECO 07-027471	1/17/2008	DW	JL



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

1051018-1
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:	Shock MIL-STD-202, Method 213, Condition I
VSWR 1.07 + .008 f(GHz)	Insertion (MAX Lbs) 3.0	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) .03 $\sqrt{f}$ (GHz)	Withdrawal (MIN Oz) 1.0	EXCEPT HIGH TEMP +115°C
RF Leakage (dB MIN) -90 @ 2 to 3 (GHz)	Force to Engage and Disengage (In/Lbs MAX) 2.0	Moisture Resistance MIL-STD-202, Method 106, Insulation Resistance
Corona, 70,000 Ft (VRMS MIN) 250	Center Contact Captivation	Shall Be 200 Megohms min within 5 Minutes After Removal From Humidity
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 1000	Axial (Lbs) N/A	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Contact Resistance (Milliohms MAX) Center Contact 3.0	Radial (In/Oz) N/A	
Outer Contact 2.0	Cable Retention	
Cable to Housing 0.5	Axial Force (Lbs) 30	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 670	Torque (In/Oz) 16	
I.R.(Megohms MIN) 10,000	Weight (Grams) 3.5	

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 BWC		6/5/67		 Tyco Electronics Corporation Harrisburg, PA 17105-3608						
DIMENSIONS: INCHES 			CHK PRB		6/21/67		NAME SMA STRAIGHT BULKHEAD FEEDTHROUGH CABLE JACK DIRECT SOLDER ATTACHMENT —						
			APVD EJD		6/21/67								
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± — ANGLES ± 1°			PRODUCT SPEC —		SIZE A2					CAGE CODE 00779	DRAWING NO C-1051018-1	RESTRICTED TO —	
			APPLICATION SPEC 408-04769										
MATERIAL —			FINISH —		WEIGHT —								
CUSTOMER DRAWING							SCALE 1:1		SHEET 1 of 1		REV B		