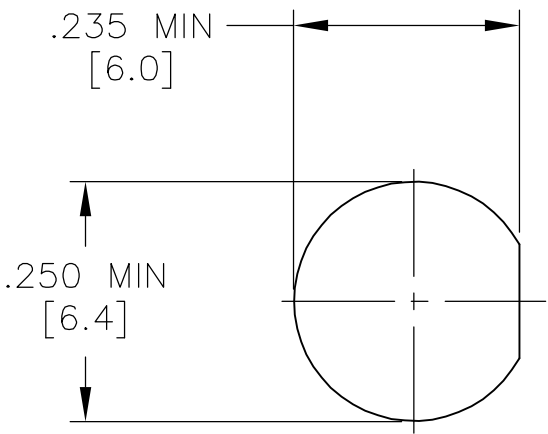
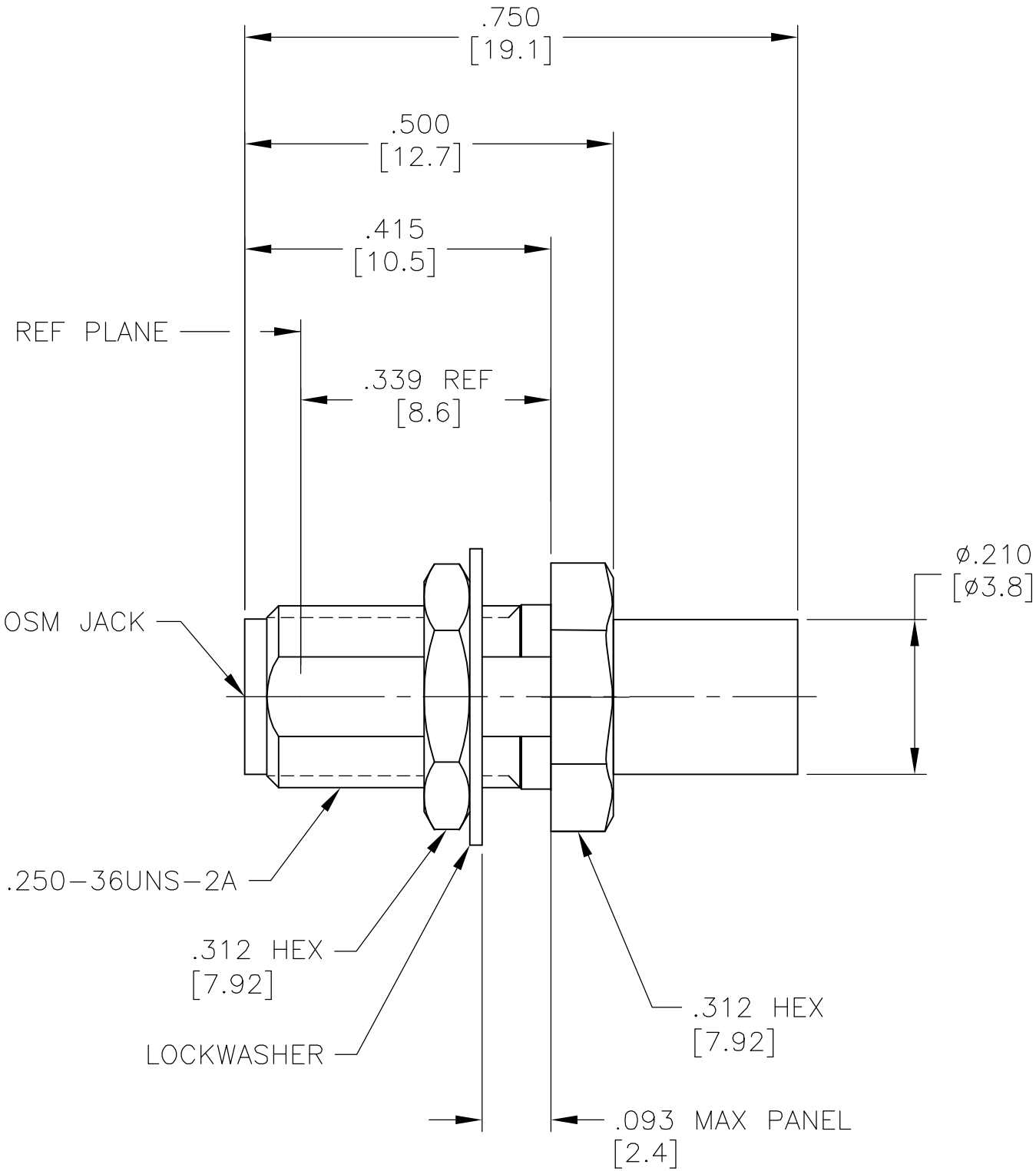


CABLE — FA19RX



RECOMMENDED
MOUNTING HOLE



ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348, Fig. 310.2	TEMPERATURE RATING <u>-65° TO +105°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Recommended Mating Torque 7-10 InLbs	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>335</u>	Mating Characteristics:	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.07+.01f(GHz)</u>	Insertion (MAX Lbs) <u>3.0</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.03 √f(GHz)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Moisture Resistance MIL-STD-202, Method 106, Insulation Resistance
RF Leakage (dB MIN) <u>-90 @ 2 to 3 (GHz)</u>	Force to Engage (Lbs MAX) <u>2.0</u> & Disengage (Lbs MAX) <u>2.0</u>	Shall Be 200 Megohms min within 5 Minutes After Removal From Humidity
Corona, 70,000 Ft (VRMS MIN) <u>250</u>	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% Salt Spray
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1000</u>	Axial (Lbs) <u>6.0</u>	
Contact Resistance (Milliohms MAX)	Radial (In/Oz) <u>N/A</u>	
Center Contact <u>3.0</u>	Cable Retention	
Outer Contact <u>2.0</u>	Axial Force (Lbs) <u>30</u>	
Cable to Housing <u>0.5</u>	Torque (In/Oz) <u>16</u>	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>670</u>	Weight (Grams) <u>3.5</u>	
I.R.(Megohms MIN) <u>10000</u>		

HOUSING MOUNTING NUT LOCKWASHER	STAINLESS STEEL PER ASTM-A-484 AND ASTM-A-582, TYPE 303	GOLD PLATE PER ASTM-B-488	1757144-1
DIELECTRIC	PTFE FLUOROCARBON PER ASTM-D-4894	N/A	
CENTER CONTACT	BERYLLIUM COPPER PER ASTM-B-196, ALLOY C17300 CONDITION H	GOLD PLATE PER ASTM-B-488	
COMPONENT	MATERIAL	FINISH	PART NO.
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN C.C.THOMAS 1-6-06	tyco Electronics Tyco Electronics Corporation Harrisburg, PA 17105-3608 SMA BULKHEAD JACK ASSY, DIRECT SOLDER ATTACHMENT
DIMENSIONS: INCHES [mm]		CHK R.GROSS 1-6-06	
		APVD R.GROSS 1-6-06	
		PRODUCT SPEC	
		APPLICATION SPEC	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	SIZE CAGE CODE DRAWING NO RESTRICTED TO
0 PLC ± -		408-04856	A200779C-1757144
1 PLC ± -		WEIGHT -	SCALE 4:1 SHEET 1 OF 1 REV A
2 PLC ± -		CUSTOMER DRAWING	
3 PLC ± .005 [0.13]			
4 PLC ± -			
ANGLES ± 1°			
FINISH			
SEE TABLE			