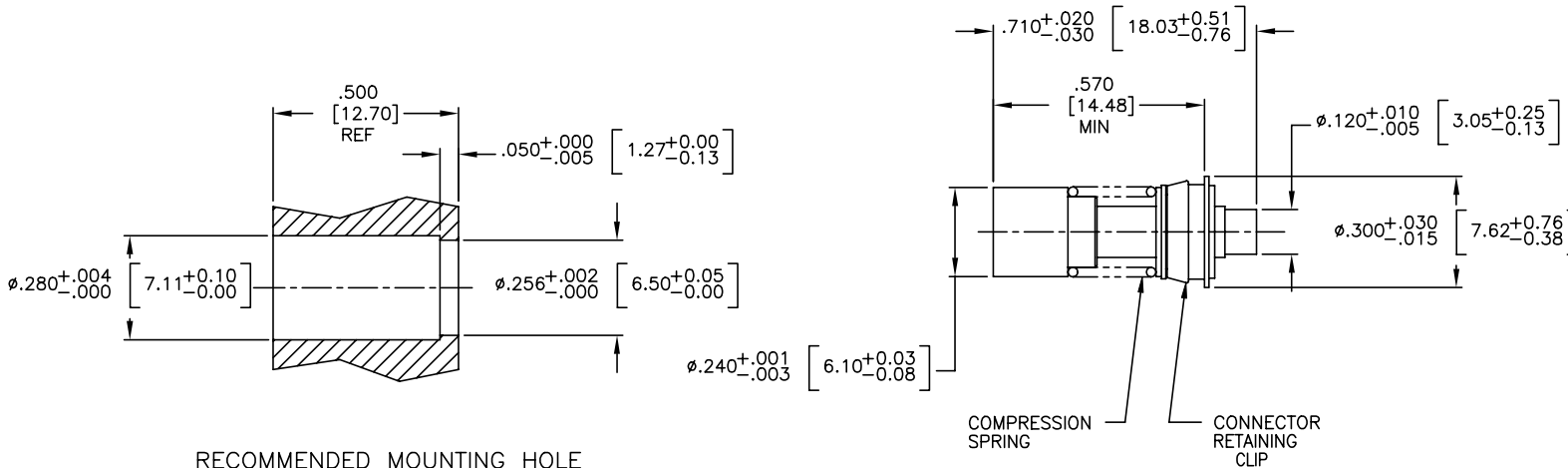


P	LTR	DESCRIPTION	DATE	DWN	APVD
B		REV PER ECO-20-015010	08FEB2021	LN	CT



PART NUMBER  
1049081-2

HOUSING	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	GOLD PLATE PER ASTM-B-488
BUSHING WASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
CENTER CONTACT CONTACT SLEEVE	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488
RETAINING CLIP	BERYLLIUM COPPER PER ASTM-B-196 OR ASTM-B-197, ALLOY C17300, CONDITION H	CADMIUM PLATE PER QQ-P-416
RETAINING RING	STAINLESS STEEL	PASSIVATED
CONTACT RING	BERYLLIUM COPPER PER ASTM-B-194	GOLD PLATE PER ASTM-B-488
SPRING	17-7 STAINLESS STEEL	PASSIVATE PER QQ-P-35
COMPONENT	MATERIAL	FINISH

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
NOMINAL IMPEDANCE (OHMS) <u>50</u>	Interface Dimensions <u>SEE TYCO ELECTRONICS CATALOG</u>	TEMP. RATING <u>-65° TO +105°C</u>
Frequency Range (GHz) <u>DC to 18</u>	Mating Characteristics:	Vibration MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) @ Sea Level <u>250</u>	Insertion (MAX Lbs) <u>3.0</u>	Shock MIL-STD-202, Method 213, Condition I
VSWR <u>1.05+.01f(GHz)</u>	Withdrawal (MIN Oz) <u>0.5</u>	Thermal Shock MIL-STD-202, Method 107, Condition B
Insertion Loss (dB MAX) <u>.04x√f(GHz)</u>	Force to Engage (In-Lbs MAX) <u>3.0</u>	Moisture Resistance MIL-STD-202, Method 106
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(90-f(GHz))</u>	& Disengage (In-Lbs MAX) <u>2.0</u>	Corrosion - MIL-STD-202, Method 101, Cond B
Corona, 70,000 Ft (VRMS MIN) <u>190</u>	Center Contact Captivation	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>675</u>	Axial (Lbs) <u>4.0</u>	
Center Resistance (Milliohms MAX)	Cable Retention	
Center Contact <u>6.0</u>	Axial Force (Lbs MIN) <u>30</u>	
Outer Contact <u>3.0</u>	Torque (In-Oz MIN) <u>16</u>	
Cable to Housing <u>0.5</u>	MISALIGNMENT:	
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>500</u>	Axial <u>.060 in MIN</u>	
I.R.(Megohms MIN) <u>5,000</u>	RADIAL <u>.020 in MIN</u>	

THIS DRAWING IS A CONTROLLED DOCUMENT. DWN: C.C.THOMAS 1-6-04  
CHK: F.BLASICK 1-6-04

DESIGNED FOR USE WITH .085 S/R CABLE  
CABLE ENTRY DIAMETER MINIMUM

INCHES [mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC	± .005 [0.13]
1 PLC	± .005 [0.13]
2 PLC	± .005 [0.13]
3 PLC	± .005 [0.13]
4 PLC	± .005 [0.13]

APVD: F.BLASICK 1-6-04  
PRODUCT SPEC: 408-4657  
APPLICATION SPEC: 408-4657

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 1049081 RESTRICTED TO: -  
WEIGHT: 0.000000  
CUSTOMER DRAWING: SCALE: 4:1 SHEET: 1 of 1 REV: B