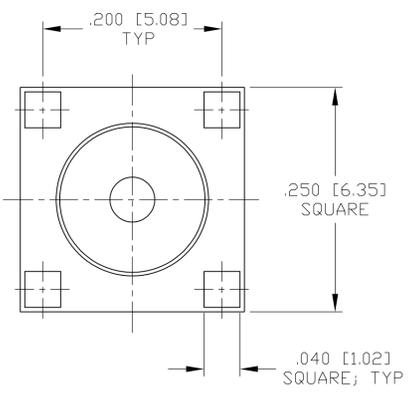
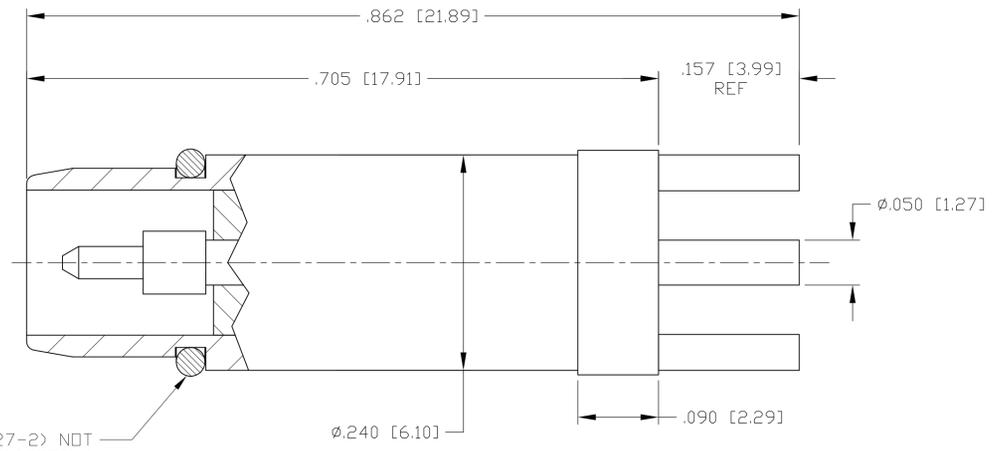


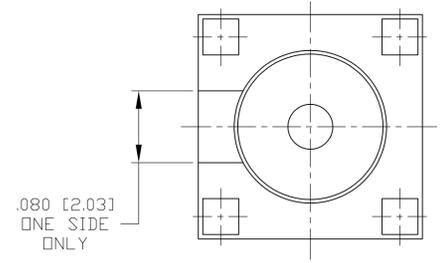
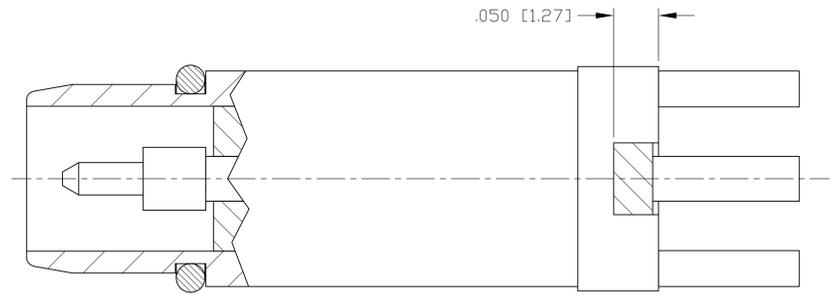
COMPONENT	MATERIAL	FINISH
HOUSING	STAINLESS STEEL PER ASTM-A582, TYPE 303	.000035-.000065 GOLD PL PER MIL-G-45204 OVER .000145-.000275 NICKEL PL PER AMS-QQ-N-290
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1710 NA	N/A
CENTER CONTACT CONTACT EXT.	BRASS PER ASTM B 16	.000050-.000100 GOLD PL PER MIL-G-45204 OVER .000050-.000120 NICKEL PL PER AMS-QQ-N-290 OVER .000010 MIN COPPER PL PER AMS-2418

REVISIONS				
P	LTR	DESCRIPTION	DATE	APP'D
H		REV PER ECO-16-001573	29FEB16	KG FB



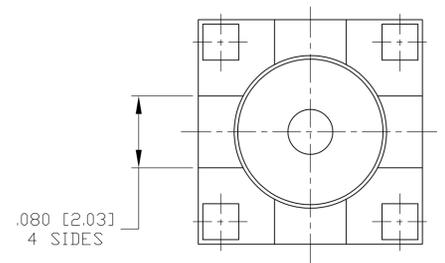
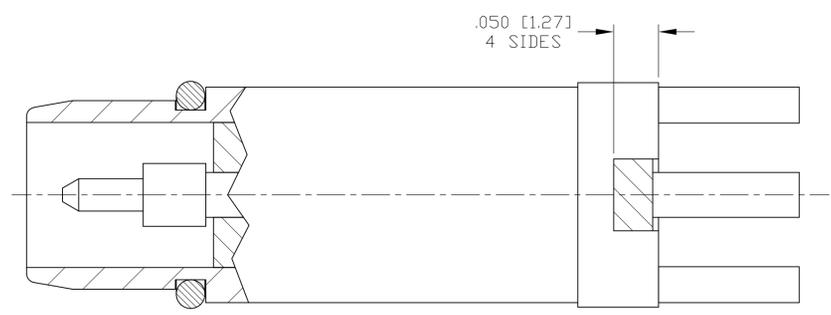
O-RING (TE PART NO. 1405027-2) NOT SUPPLIED WITH 1663572-6 MUST BE ORDERED SEPARATELY

VIEW A



VIEW B

SAME AS VIEW A EXCEPT
.050 [1.27] X .080 [2.03] CUTOUT
(ONE SIDE ONLY)



VIEW C

SAME AS VIEW A EXCEPT
.050 [1.27] X .080 [2.03] CUTOUT
(4 SIDES)

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) 50	Interface Dimensions per DESC spec 85701	TEMPERATURE RATING -65°C TO +125°C
Frequency Range (GHz) DC-18	Recommended Mating Torque N/A	Vibration - MIL-STD-202, Method 204, Condition D
Volt Rating (VRMS MAX) 500 @ Sea level	Mating Characteristics:	Shock - MIL-STD-202, Method 213, Condition I
VSWR N/A	Insertion (MAX Lbs) N/A	Thermal shock MIL-STD-202, Method 107 Test Condition B
Insertion Loss (dB MAX) N/A	Withdrawal (MIN Oz) N/A	EXCEPT HIGH TEMP 115°C
RF Leakage (dB MIN) -(90-F(GHz))	Connector Engagement and Disengagement (In/Lbs MAX) N/A	Moisture Resistance - MIL-STD-202, Method 106
(Interface only, fully mated)	Center Contact Captivation	Corrosion - MIL-STD-202, Method 101, Condition B, 5% salt spray
Corona, 70,000 Ft (VRMS MIN) 335	Axial 6 Lbs	
Dielectric Withstanding Voltage (VRMS MIN) 1000	Radial None	
Contact Resistance (Milliohms MAX) Center Contact 2.0	Cable Retention	
Outer Contact 2.0	Axial Force N/A	
RF High Potential (VRMS MIN @ 5 MHz) 1000	Torque N/A	
I.R.(Megohms) 5000 MIN	Weight (Grams)	

REMARKS	PART NO.
SEE VIEW A	1663572-6
SEE VIEW C	1663572-3
SEE VIEW B	1663572-2
SEE VIEW A	1663572-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES [mm]	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN C.C.THOMAS 8-5-03	REV R.GROSS 8-5-03
0 PL ± -	1 PL ± -	NAME R.GROSS	PRODUCT SPEC
2 PL ± -	3 PL ± .005 [0.13]	APPLICATION SPEC	
4 PL ± -	ANGLES ± -	SIZE A1	CAGE CODE 00779
MATERIAL	FINISH	WEIGHT 0	DRAWING NO 1663572
		CUSTOMER DRAWING	RESTRICTED TO

SCALE 10:1 SHEET 1 OF 1 REV H