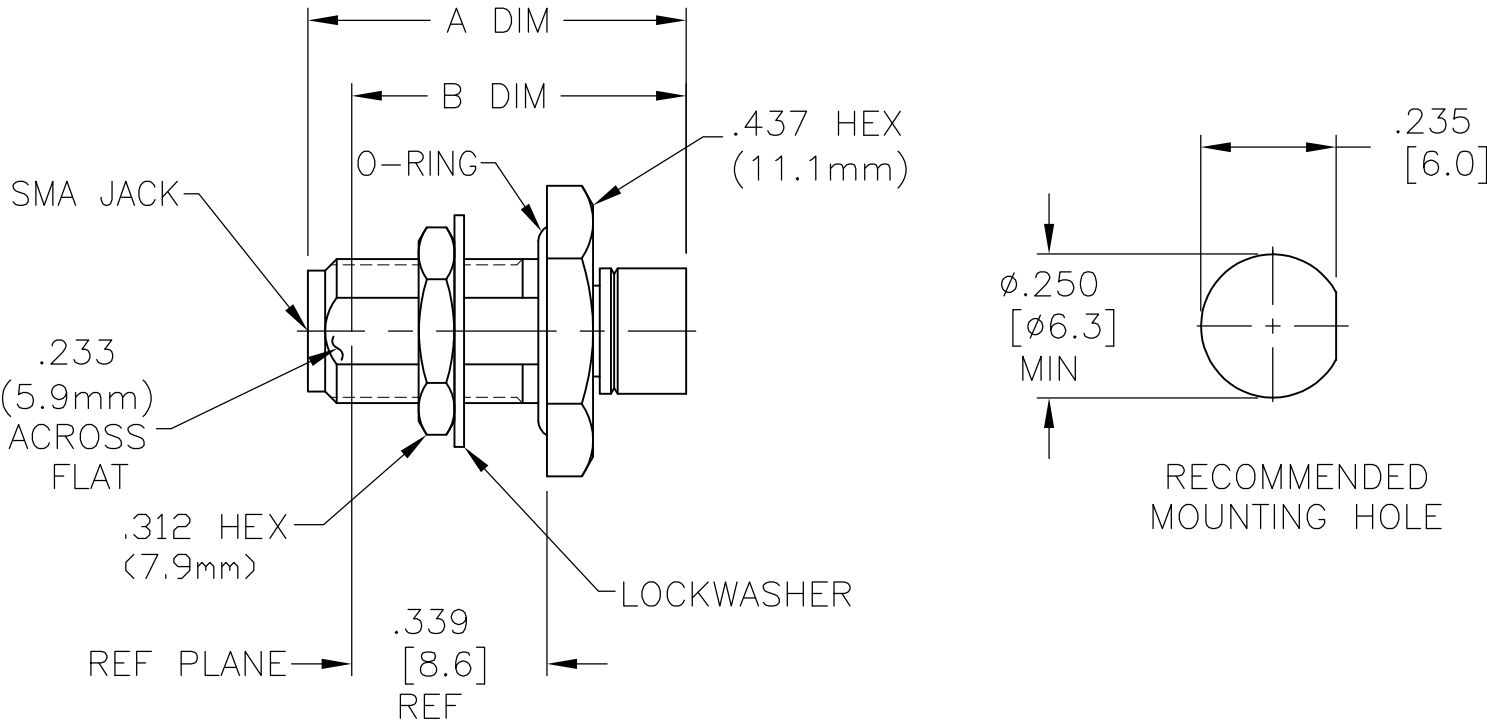


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	ECO-13-005308	-	MS	DW

1. DESIGNED FOR USE WITH ϕ .141[ϕ 3.58mm]
(RG 402/U) SEMI-RIGID CABLE.
2. CAPTURED CENTER CONTACT.
3. PICTORAL VIEW IS AFTER CRIMPING.
4. MIN. STRAIGHT CABLE LENGTH .389[9.88mm]
5. IT IS SUGGESTED TO BEND CABLE
PRIOR TO CRIMPING.



2221658-1

PART NUMBER

.569 REF [14.5mm]	.657 MAX 16.7mm]	AFTER CRIMPING
.694 REF [17.6mm]	.770 REF [19.6mm]	BEFORE CRIMPING
B DIM	A DIM	

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions MIL-STD-348	TEMPERATURE RATING <u>-65° TO +105°C</u>
Frequency Range (GHz) DC to <u>18</u>	Recommended Mating	Vibration MIL-STD-202, Method 204, Condition D, 20 Gs
Volt Rating (VRMS MAX)	Torque <u>7-10</u>	Shock MIL-STD-202, Method 213, Condition I, 100 Gs
@ Sea Level <u>500</u>	Center Contact Captivation	Thermal Shock MIL-STD-202, Method 102, Condition C
VSWR <u>1.05+.005f(GHz)</u>	Axial (Lbs) <u>6</u>	Moisture Resistance MIL-STD-202, Method 106
Insertion Loss (dB MAX) <u>.05x√f(GHz)</u>	Cable Retention	Corrosion - MIL-STD-202, Method 101, Condition B
RF Leakage (dB MIN) (Interface Only, Fully Mated) <u>-(100-f(GHz))</u>	Axial Force (Lbs) <u>60</u>	
Corona, 70,000 Ft (VRMS MIN) <u>375</u>	Torque (In/Oz) <u>55</u>	
Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level <u>1500</u>		
Contact Resistance (Milliohms MAX)		
Center Contact <u>2.0</u>		
Outer Contact <u>2.0</u>		
Cable to Housing <u>0.5</u>		
RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) <u>1000</u>		
I.R.(Megohms MIN) <u>5000</u>		

HOUSING MOUNTING NUT BUSHING LOCKWASHER	STAINLESS STEEL PER ASTM-A484 AND ASTM-A582, TYPE 303	PASSIVATE PER QQ-P-35
DIELECTRIC	PTFE FLUOROCARBON PER MIL-P-19468, FED SPEC L-P-403, & ASTM-D-1457	N/A
CONTACT	BERYLLIUM COPPER PER ASTM-B196, ALLOY 173	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
O-RING	SILICONE RUBBER PER ZZ-R-765	N/A
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
M. SCHEIDLER
CHK
D. WILSON
APVD
-

01APR2013
03APR13

DIMENSIONS:
INCHES

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± -
FINISH -

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
SMA BULKHEAD FEED THRU CABLE JACK
COMPRESSION CRIMP ATTACHMENT

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2221658

RESTRICTED TO
-

SCALE
4:1

SHEET
1 of 1

REV
A

2221658