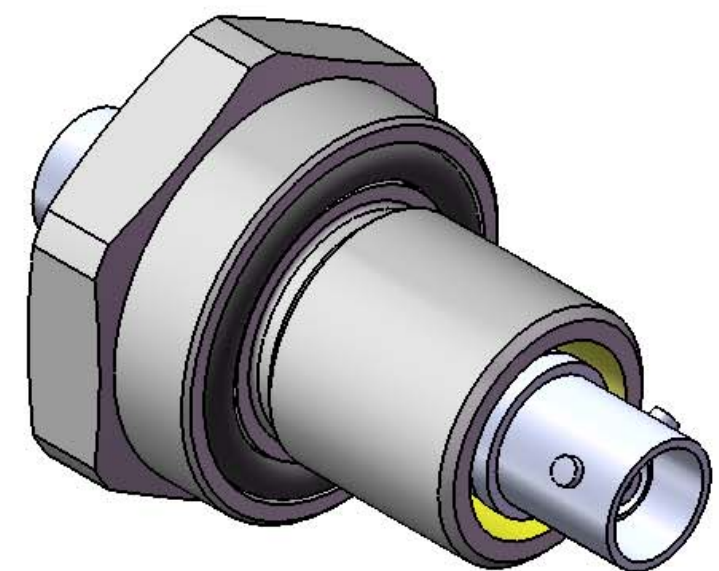
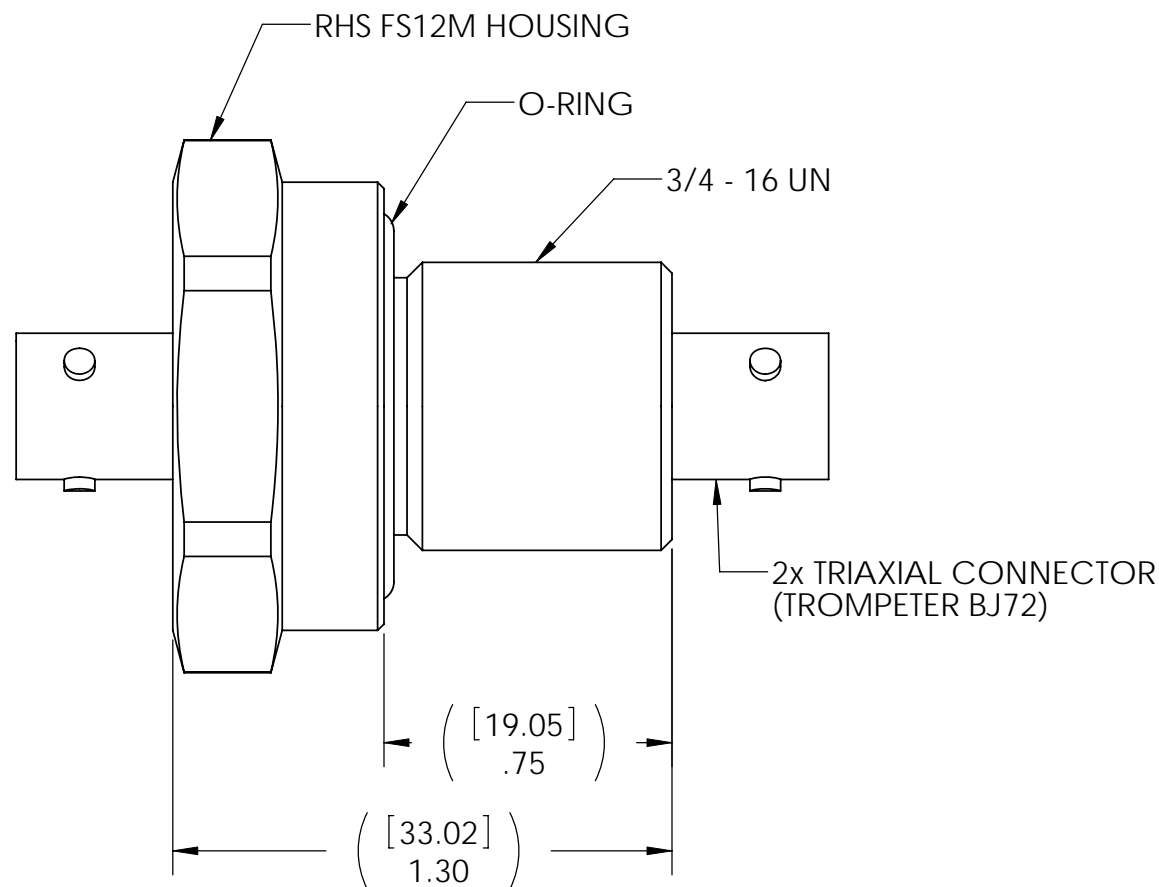
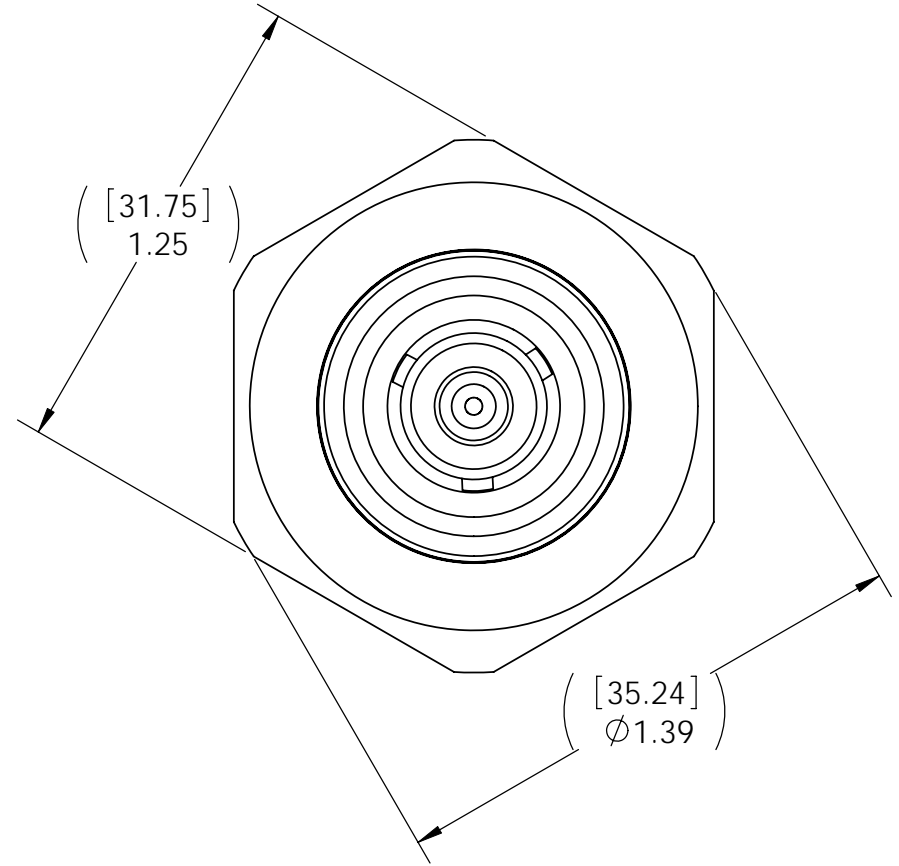


**RoHS COMPLIANT**

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	9/10/2010	MM
	B	S6 WAS A1 & 1x10 <sup>-8</sup> WAS 10x10 <sup>-9</sup>	9/14/2010	BS
	C	ADDED "(FLOATING SHIELD)" TO DETERMINING rhs PART#	9/16/2010	BS



- NOTES:
- PART TESTED PER PART NUMBER AND HERMETIC SEAL SPECIFICATIONS.
  - CUSTOM SIZES, MATERIALS, & TESTS AVAILABLE, PLEASE CONTACT RHS FOR MORE INFORMATION.
  - DIMENSIONS INCHES [MILLIMETERS], MILLIMETERS SHOWN FOR REFERENCE ONLY.

SAMPLE RHS PART# CCTRIAXFS12-MS690V1

**DETERMINING RHS PART#**

- CC=CONNECTOR TO CONNECTOR SEALS
- TRIAX=STANDARD TRIAXIAL CONNECTORS
- FS12=STANDARD RHS FACE SEAL HOUSING WITH 3/4 - 16 UN THREAD
- S=.45 LONG THREAD OR M=.75 LONG THREAD
- HOUSING MATERIAL:  
S6=316 STAINLESS STEEL, A1=6016 ALUMINUM, B1=BRASS, I6=600 INCOLNEL, OR T2=GRADE 2 TITANIUM
- LEAK TESTING:
  - 1=HELIUM LEAK TEST @ 1 ATM 10x10<sup>-8</sup> STD-CC/SEC OR BETTER
  - 2=100 PSI(6.9 BAR) AIR ON THREAD SIDE OF O-RING NO BUBBLES
  - 3=100 PSI(6.9 BAR) AIR ON HEX SIDE OF O-RING NO BUBBLES
  - 4=1000 PSI(69 BAR) AIR ON THREAD SIDE OF O-RING NO BUBBLES
  - 5=1000 PSI(69 BAR) AIR ON HEX SIDE OF O-RING NO BUBBLES
  - 6=2500 PSI(172 BAR) AIR ON THREAD SIDE OF O-RING NO BUBBLES
  - 7=5000 PSI(345 BAR) AIR ON HEX SIDE OF O-RING NO BUBBLES
  - 8=3500 PSI(243 BAR) AIR ON THREAD SIDE OF O-RING NO BUBBLES & HELIUM LEAK TEST @ 1 ATM 10x10<sup>-09</sup> STD-CC/SEC OR BETTER
  - 9=1000 PSI(69 BAR) AIR ON THREAD SIDE OF O-RING NO BUBBLES & HELIUM LEAK TEST @ 1 ATM 1x10<sup>-08</sup> STD-CC/SEC OR BETTER
- O=TRIAX BODY ISOLATED (FLOATING SHIELD) FROM HOUSING OR 1=TRIAX BODY CONNECTED (SHORTED) TO HOUSING <200mOhms
- O-RING MATERIAL:  
A=POLYACRYLATE, B=BUTYL, C=CLOROPRENE, E=ETHYLENE-PROPYLENE, G=STYRENE BUTADIENE, L=FLUOROSILICONE, N=ACRYLONITRILE BUTADIENE (NITRILE), P=POLYURETHANE, S=SILICONE, V=FLUOROCARBON (VITON), Y=EPICHLOROHYDRIN, Z=EXOTIC OR SPECIALTY
- 0=ASSEMBLY SHIPPED WITH JAM NUT OR 1=ASSEMBLY SHIPPED W/O JAM NUT

HERMETIC SEAL SPECIFICATIONS	
<b>LEAK:</b>	
LEAK TEST	SEE RHS PART#
<b>ELECTRICAL:</b>	
IMPEDANCE	50 Ohms
INSULATION RESISTANCE TEST (CONDUCTOR TO CONDUCTOR)	>500 MOhms @ 500 VDC
CONDUCTOR END TO END RESISTANCE TEST	<50 mOhms
<b>ENVIRONMENTAL:</b>	
TEMPERATURE RANGE (O-RING DEPENDANT)	-55 °C TO 125 °C (-67 °F TO 221 °F)

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL ±1/16  
 ANGULAR ±5  
 X ±1 X ±1  
 .XX ±.02 .XXX ±.005  
 DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE  
 INTERPRET GEOMETRIC TOLERANCING PER:  
 MATERIAL SEE PART#  
 FINISH N/A  
 DO NOT SCALE DRAWING

	NAME	DATE
DRAWN	MM	9/10/10
CHECKED	BS	9/14/10
ENG APPR.		
MFG APPR.		
Q.A.		



TITLE: HERMETIC CONNECTOR TRIAXIAL		
SIZE <b>B</b>	DWG. NO. CCTRIAXFS12	REV <b>C</b>
SCALE: 2:1	WEIGHT:	SHEET 1 OF 1