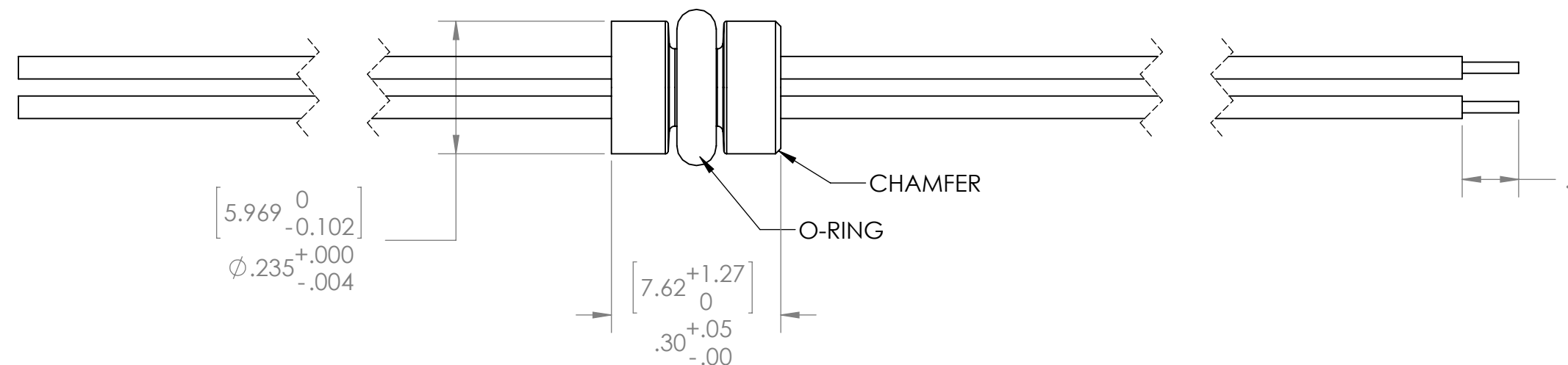
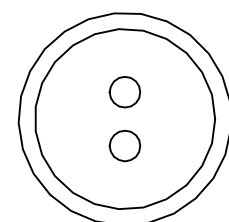


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	E	ADDED NEW WIRE LENGTH CODE G	5/26/2014	BS
	F	ADD WIRE CODE B <sub>D</sub> AND WIRE LENGTH H	1/5/2016	BS



SAMPLE RHS PART# WSESO-006AV-1A1A

**DETERMINING RHS PART#**

- **WS=**WIRE SEAL
- **ESO-006=**EPOXY SINGLE O-RING HOUSING - SIZE 006
- **EPOXY MATERIAL:**  
  - A=**RHS-0523, **B=**RHS-0573, **C=**RHS-0573 UL94-V0
- **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
- **WIRE DETAIL CODE:**
  - 1=**TWO (2) TOTAL WIRES. 1x 30 AWG MIL-W-16878E (TYPE E) RED & 1X 30 AWG MIL-W-16878E (TYPE E) BLACK.
  - 2=**ONE (1) TOTAL WIRES. 1X CUSTOMER SUPPLIED 18 AWG X-LINKED PTFE.
  - 3=**ONE (1) TOTAL WIRES. 1X CUSTOMER SUPPLIED 18 AWG PTFE.
  - 4=**ONE (1) TOTAL WIRES. 1X CUSTOMER SUPPLIED 18 AWG WHITE PTFE.
  - 5=**ONE (1) TOTAL WIRES. 1X CUSTOMER SUPPLIED 18 AWG RED PTFE.
  - 6=**ONE (1) TOTAL WIRES. 1X CUSTOMER SUPPLIED 17 AWG WHITE PTFE.
  - 7=**ONE (1) TOTAL WIRES. 1X CUSTOMER SUPPLIED 17 AWG BLACK PTFE.
  - 8=**ONE (1) TOTAL WIRES. 1X CUSTOMER SUPPLIED 17 AWG BLUE PTFE.
  - 9=**TWO (2) TOTAL WIRES. 2X CUSTOMER SUPPLIED 25 AWG BRN & VIO PTFE.
  - A=**TWO (2) TOTAL WIRES. 2X 16878/4 24 AWG RED & BLK PTFE.
  - B=**TWO (2) TOTAL WIRES. 2X 16878/4 26 AWG RED & BLK PTFE.
- **WIRE LENGTH CODE:**
  - A=**24[610] MINIMUM NON-CHAMFER SIDE. 24[610] MINIMUM CHAMFER SIDE.
  - B=**13.78[350] MINIMUM NON-CHAMFER SIDE. 5.59[142] MINIMUM CHAMFER SIDE.
  - C=**82.7[2100] MINIMUM NON-CHAMFER SIDE. 3.9[100] MINIMUM CHAMFER SIDE.
  - D=**82.7[2100] MINIMUM NON-CHAMFER SIDE. 3.9[100] MINIMUM CHAMFER SIDE.
  - E=**3[76.2] MINIMUM NON-CHAMFER SIDE. 3[76.2] MINIMUM CHAMFER SIDE.
  - F=**115[2921] MINIMUM NON-CHAMFER SIDE. 3.9[100] MINIMUM CHAMFER SIDE.
  - G=**16[406.4] MINIMUM NON-CHAMFER SIDE. 3.9[100] MINIMUM CHAMFER SIDE.
  - H=**12[304.8] MINIMUM NON-CHAMFER SIDE. 12[304.8] MINIMUM CHAMFER SIDE.
- **LEAK TESTING (ASSEMBLY IS BI-DIRECTIONAL):**
  - 1=**HELIUM LEAK TEST @ 1 ATM 10X10<sup>-8</sup> STD-CC/SEC OR BETTER
  - 2=**100 PSI(6.9 BAR) AIR, NO BUBBLES.
  - 3=**3000 PSI(207 BAR) AIR, NO BUBBLES.
  - 4=**220 PSI(15 BAR) AIR, NO BUBBLES.
- **ELECTRICAL TEST:**
  - A=>**500 MEGOHMS @ 500 VDC WIRE TO WIRE & INSTALLATION PORT.
  - B=>**10 MEGOHMS @ 500VDC WIRE TO WIRE & INSTALLATION PORT & <5 mA @ 1500 VAC FOR 1 MINUTE WIRE TO WIRE & INSTALLATION PORT.

**NOTES:**

1. PART TESTED PER PART NUMBER.
2. PLEASE CONTACT RHS WITH ANY QUESTIONS.
3. CUSTOM SIZES, WIRE CONFIGURATIONS, & TESTS AVAILABLE, PLEASE CONTACT RHS FOR MORE INFORMATION.
4. THIS SEAL IS AVAILABLE WITH FIBER OPTICS, PLEASE CONTACT RHS FOR MORE INFORMATION.
5. SEE DRAWING NUMBER B006-0001-0000 FOR COMPLETE HOUSING DIMENSIONS & INSTALLATION PORTS AND METHODS.

UNLESS OTHERWISE SPECIFIED:	NAME	DATE	 <b>Jersey City, NJ, USA 888-747-3250</b>
DIMENSIONS ARE IN INCHES	DRAWN	MM 8/09/08	
TOLERANCES:	CHECKED	BS 8/13/08	
FRACTIONAL ±1/16	ENG APPR.	MM 8/09/08	
ANGULAR ±.5	MFG APPR.		
X: ±1 X: ±1	Q.A.		TITLE:
.XX ±.02 .XXX ±.005	INTERPRET GEOMETRIC TOLERANCING PER:		<b>ESO-006 WIRE SEAL</b>
[mm] FOR REFERENCE ONLY	MATERIAL		SIZE DWG. NO. REV
	SEE RHS PART#		<b>C WSESO006 F</b>
	FINISH		SCALE: 4:1 WEIGHT: SHEET 1 OF 1
	DO NOT SCALE DRAWING		