

REVISIONS			
REV	CHANGE NO.	DATE	APPROVED
-	INIT RLSE	----	

TITANIUM COMPATIBLE LASER WELDABLE 50 OHM FEEDTHROUGH SMP ADAPTABLE, .015 DIAMETER CENTER CONTACT

- CONFIGURATION FOR INTERFACING TO SMP "BULLET" STYLE ADAPTER
- DESIGNED TO LASER WELD INTO AN ELECTRONIC CHASSIS WALL
- INDUSTRY STANDARD NICKEL-IRON-COBALT ALLOY CONTACT WITH CORNING 7070 EQUIVALENT GLASS
- INTEGRAL RF GROUNDING TAB FOR EXCELLENT PERFORMANCE OVER TEMPERATURE

1. LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC H₂ AT ONE ATMOSPHERE DIFFERENTIAL PRESSURE.

2. NOMINAL IMPEDANCE: 50 OHMS.

3. INTERFACE IN ACCORDANCE WITH MIL-STD-348, SMP.

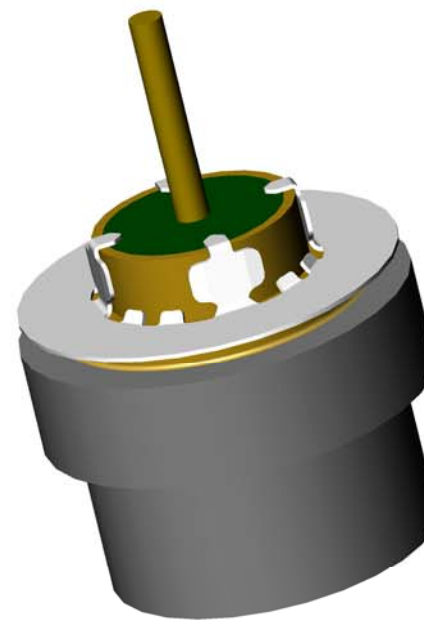
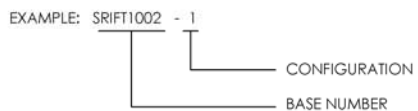
4. MATERIALS:
 CONTACT: NICKEL-IRON-COBALT ALLOY IN ACCORDANCE WITH ASTM F15.
 DIELECTRIC: CORNING 7070 EQUIVALENT GLASS (MATCHED SEAL).
 SHELL: TITANIUM GRADE 2 (UNALLOYED) IN ACCORDANCE WITH ASTM B265.
 RF GROUNDING SPRING: STAINLESS STEEL ALLOY 300-SERIES.

5. FINISH:
 CONTACT: NICKEL PLATE PER QQ-N-290, CLASS 2, _____ / _____ THICK.
 GOLD PLATE PER ASTM B488, TYPE __, CODE __, _____ / _____ THICK.

SHELL: PASSIVATED.

6. SPECIAL TEST REQUIREMENTS: _____

7. ORDERING INSTRUCTIONS:
 SPECIFY BASE NUMBER FOLLOWED BY DASH NUMBERS INDICATING CONFIGURATION (SEE SHEET 2+):

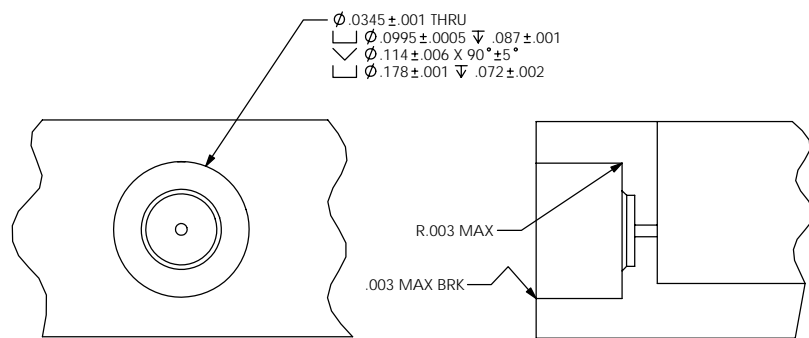
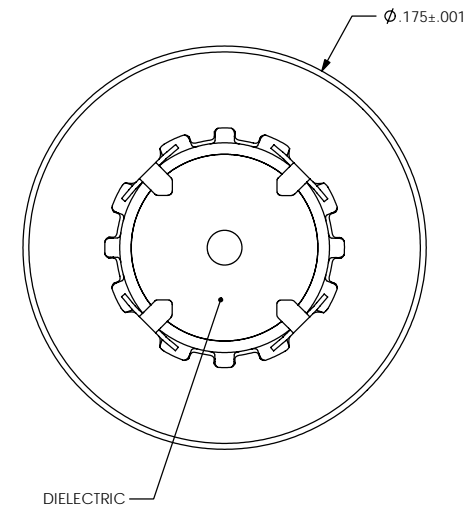
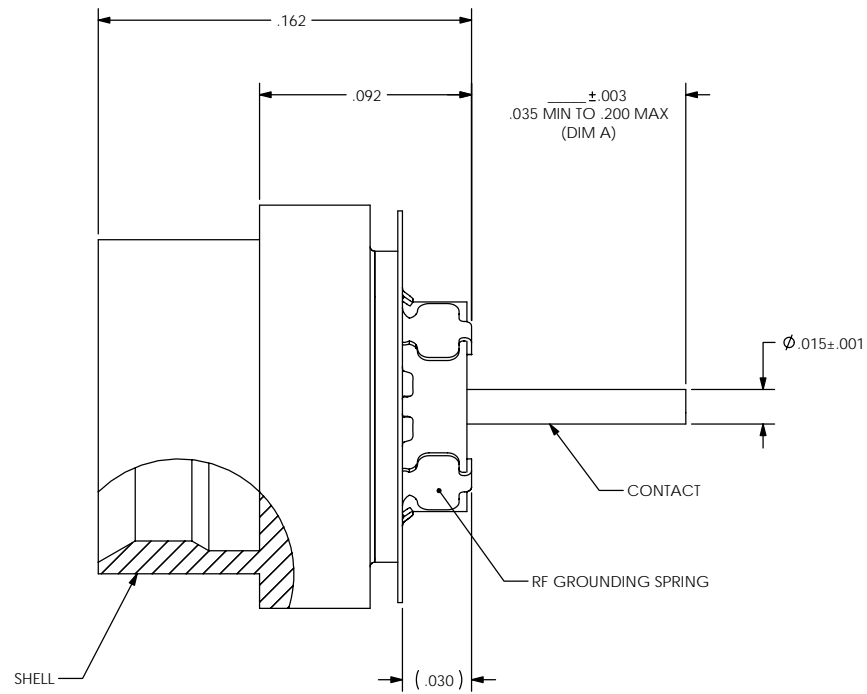


UNLESS OTHERWISE SPECIFIED
 DIMENSIONING IAW ASME Y14.5M-1994
 DIMENSIONS APPLY AFTER PROCESSES
 DIMENSIONS IAW US CUSTOMARY UNITS
 .X ± .1, .XX ± .01, .XXX ± .005, ∠ ± .5°
 .010 MAX OUTSIDE R, .005 MAX INSIDE R
 125 RMS SURFACE FINISH



TITLE			
FEEDTHROUGH, TITANIUM LASER WELDABLE SMP			
SIZE	DOCUMENT	SRIFT1002	REV
A			-
SCALE	CAGE CODE	3PJY7	SHEET
12:1			1 OF 3





HOLE DETAIL

UNLESS OTHERWISE SPECIFIED
 DIMENSIONING IAW ASME Y14.5M-1994
 DIMENSIONS APPLY AFTER PROCESSES
 DIMENSIONS IAW US CUSTOMARY UNITS
 .X \pm .1, .XX \pm .01, .XXX \pm .005, $\angle \pm 5^\circ$
 .010 MAX OUTSIDE R, .005 MAX INSIDE R
 125 RMS SURFACE FINISH



SRI HERMETICS (321) 254-4067
 WWW.SRIHERMETICS.COM

TITLE FEEDTHROUGH, TITANIUM LASER WELDABLE SMP

THIRD ANGLE PROJECTION	SIZE A	DOCUMENT	SRIFT1002	REV -
	SCALE 12:1	CAGE CODE	3PJY7	SHEET 2 OF 3

PART NUMBER	A	PIN FINISH	SPECIAL TESTING
SRIFT1002-1 1/	0.050	NICKEL PLATE PER QQ-N-290, CL2 .000100/.000250 THICK GOLD PLATE PER ASTM B488, TYPE 3, CODE A, .000050/.000150 THICK	-

1/ DENOTES STANDARD CONFIGURATION

UNLESS OTHERWISE SPECIFIED DIMENSIONING IAW ASME Y14.5M-1994 DIMENSIONS APPLY AFTER PROCESSES DIMENSIONS IAW US CUSTOMARY UNITS .X±.1, .XX±.01, .XXX±.005, $\angle \pm 5^\circ$.010 MAX OUTSIDE R, .005 MAX INSIDE R 125 RMS SURFACE FINISH		 (321) 254-4067 WWW.SRIHERMETICS.COM	
THIRD ANGLE PROJECTION 		TITLE FEEDTHROUGH, TITANIUM LASER WELDABLE SMP SIZE A DOCUMENT SRIFT1002 REV - SCALE 8:1 CAGE CODE 3PJY7 SHEET 3 OF 3	