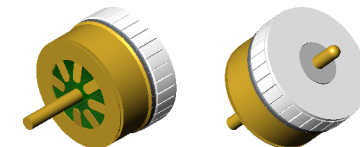


ALUMINUM COMPATIBLE LASER WELDABLE 50 OHM FEEDTHROUGH TNC ADAPTABLE, .036 DIAMETER CENTER CONTACT

REVISIONS			
REV	CHANGE NO.	DATE	CFG APPROVAL
-	INIT RLSE	2010-04-20	L. PETR
A	DCN001387	6/5/2014	

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



VIEWS FOR REFERENCE ONLY
SCALE 2:1

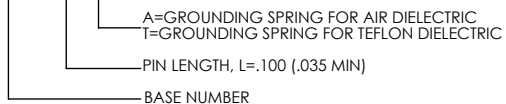
1. LEAK RATE: LESS THAN OR EQUAL TO 1X10⁻⁹ CC/SEC He AT ONE ATMOSPHERE DIFFERENTIAL PRESSURE.
2. NOMINAL IMPEDANCE: 50 OHMS

3. MATERIALS:
 PIN: NICKEL-IRON-COBALT ALLOY IN ACCORDANCE WITH ASTM F15.
 DIELECTRIC: CORNING 7070 EQUIVALENT GLASS (LOW LOSS, MATCHED SEAL).
 SHELL (WELD FLANGE): ALUMINUM ALLOY 4047 IN ACCORDANCE WITH AWS A5.8.
 RF GROUNDING SPRING: BERYLLIUM-COPPER ALLOY 172 OR 173 IN ACCORDANCE WITH ASTM B194 (NICKEL/GOLD PLATED).
 INSULATOR: POLYTETRAFLUOROETHYLENE (PTFE).

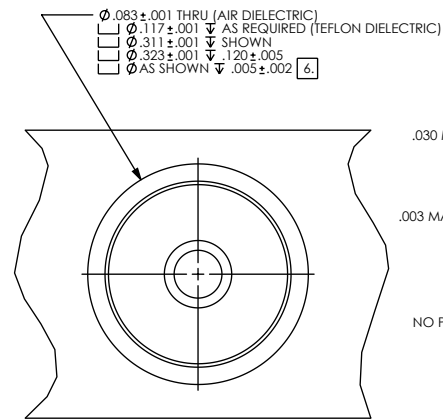
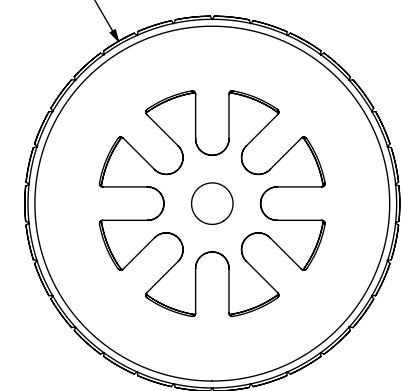
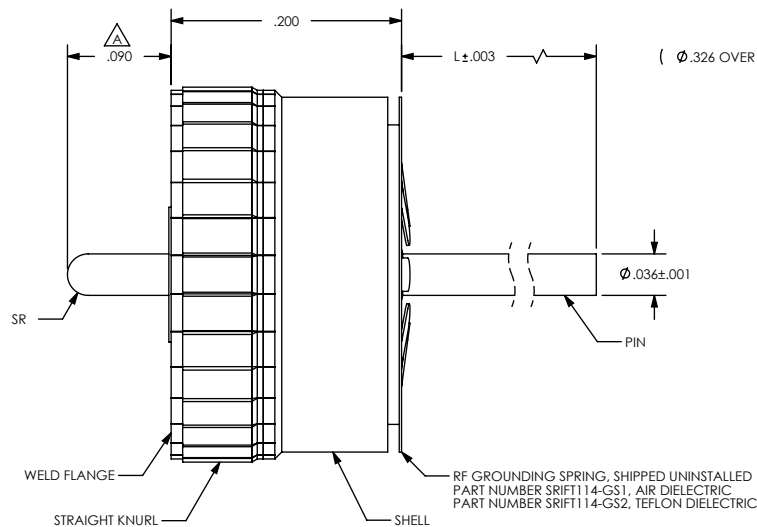
4. FINISH:
 PIN AND SHELL: NICKEL PLATE PER QQ-N-290, CLASS 2, .000100/.000250 THICK
 GOLD PLATE PER ASTM B488-01, TYPE III, CODE A, .000050/.000100 THICK.
 WELD FLANGE: NONE

5. ORDERING INSTRUCTIONS:
 SPECIFY BASE NUMBER FOLLOWED BY DASH NUMBER INDICATING PIN LENGTH, L:

EXAMPLE: SRIFT114 - 100 - A



6. HOLE DEPTH IS DEPENDENT ON STYLE OF MATING BOLT-ON FLANGE ADAPTER.
 CONTACT SRI HERMETICS' ENGINEERING FOR DESIGN ASSISTANCE.



RECOMMENDED HOLE DETAIL
SCALE 3:1

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

THIRD ANGLE PROJECTION

		(321) 254-4067	
		WWW.SRIHERMETICS.COM	
TITLE			
FEEDTHROUGH, TNC ADAPTABLE, AC LBW, PRESS-IN (.036D)			
SIZE	DOCUMENT	SRIFT114	REV
A			A
SCALE	CAGE CODE	3PJY7	SHEET
6:1			1 OF 1