

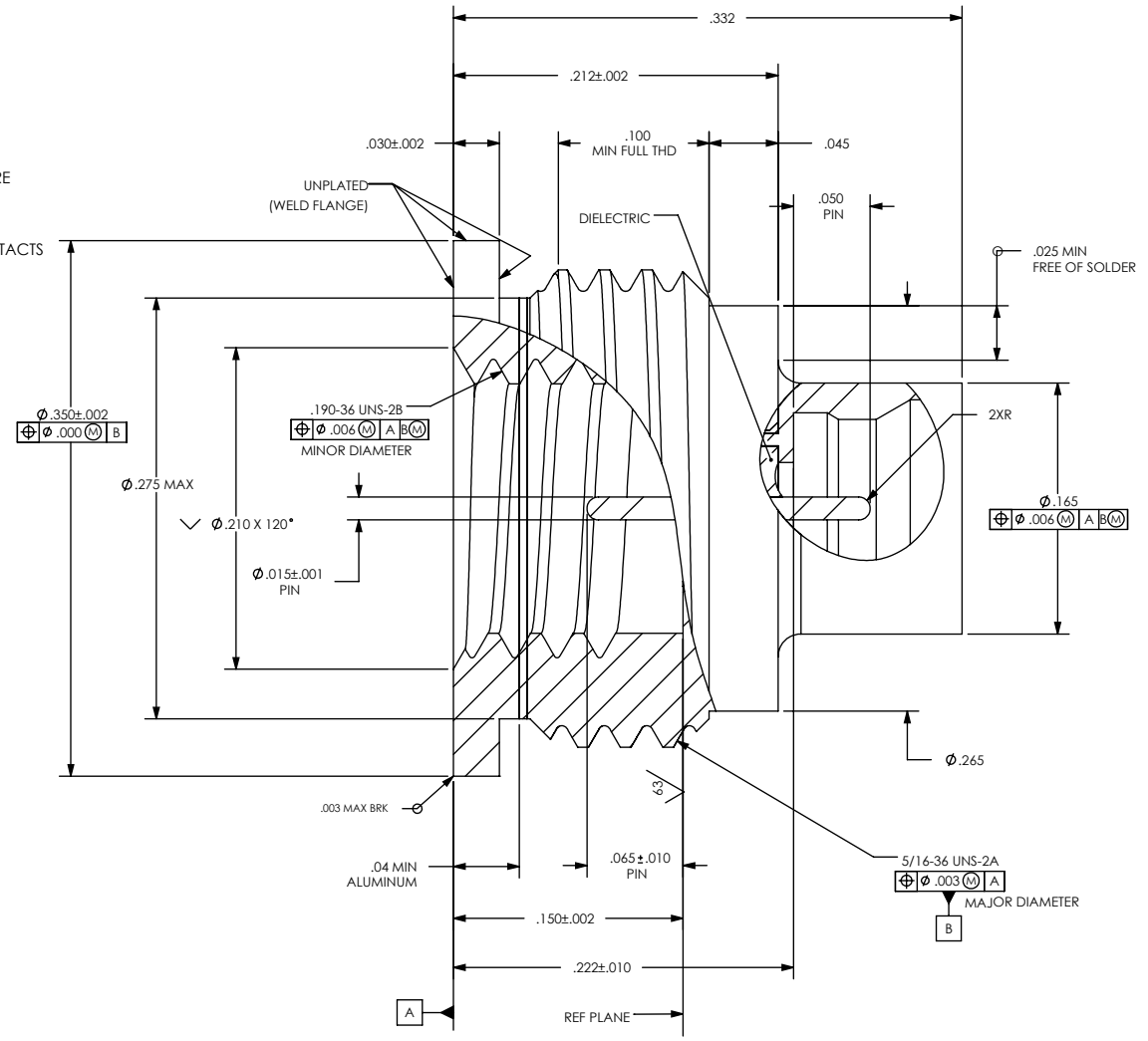
REVISIONS			
REV	CHANGE NO.	DATE	CFG APPROVAL
-	INIT RLSE	03-02-2009	J. PETRI
A	DCN000555		

PRELIMINARY
DO NOT USE FOR PRODUCTION

ALUMINUM COMPATIBLE LASER WELDABLE 50 OHM FEEDTHROUGH SSMA/SMP ADAPTABLE, THREADED

- CONFIGURATION FOR INTERFACING TO SSMA PANEL JACK FEEDTHROUGH
- DESIGNED TO LASER WELD INTO AN ELECTRONIC CHASSIS
- INDUSTRY STANDARD NICKEL-IRON-COBALT ALLOY CONTACT WITH CORNING 7070 EQUIVALENT GLASS
- INTEGRAL OUTER THREADS FOR MECHANICAL STABILITY

1. LEAK RATE: LESS THAN OR EQUAL TO 1×10^{-9} CC/SEC H_e AT ONE ATMOSPHERE DIFFERENTIAL PRESSURE
2. NOMINAL IMPEDANCE: 50 OHMS
3. INTERFACE IN ACCORDANCE WITH MIL-STD-348, SERIES SSMA AND SERIES SMP (FULL DETENT), PIN CONTACTS
4. MATERIALS:
PIN: NICKEL-IRON-COBALT ALLOY IN ACCORDANCE WITH ASTM F15
DIELECTRIC: CORNING 7070 EQUIVALENT GLASS (MATCHED SEAL)
SHELL (WELD FLANGE): ALUMINUM ALLOY 4047 IN ACCORDANCE WITH AWS A5.8
5. FINISH:
PIN AND SHELLS (EXCEPT WELD FLANGE):
NICKEL PLATE PER QQ-N-290, CLASS 2, .000100/.000250 THICK
GOLD PLATE PER ASTM B488-01, TYPE III, CODE A, .000050/.000100 THICK
6. RECOMMENDED TORQUE: 8 - 10 IN-LBS PRIOR TO WELDING
7. ORDERING INSTRUCTIONS:
SPECIFY PART NUMBER SRIFT512 - 1



VIEWS FOR REFERENCE ONLY

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

		(321) 254-4067	
		WWW.SRIHERMETICS.COM	
TITLE			
FEEDTHROUGH, SSMA TO SMP, AC LBW (THREADED)			
SIZE	DOCUMENT	SRIFT512	REV
A			A
SCALE	CAGE CODE	3PJY7	SHEET
4:1			1 OF 1

