

REVISIONS			
REV	CHANGE NO.	DATE	CFG APPROVAL
-	INIT RLSE	10/17/2011	J. PETRI

STAINLESS STEEL COMPATIBLE LASER WELDABLE DOUBLE-ENDED 60-PIN CIRCULAR HEADER

- CONFIGURATION WITH THE WELD LIP LOCATED AT THE TOP OF THE CONNECTOR
- DESIGNED TO LASER WELD INTO AN ELECTRONIC CHASSIS WALL
- INCORPORATES BERYLLIUM-COPPER CONTACTS INDIVIDUALLY SEALED USING CERAMAX® PROPRIETARY CERAMIC TO ESTABLISH A DURABLE HERMETIC SEAL.

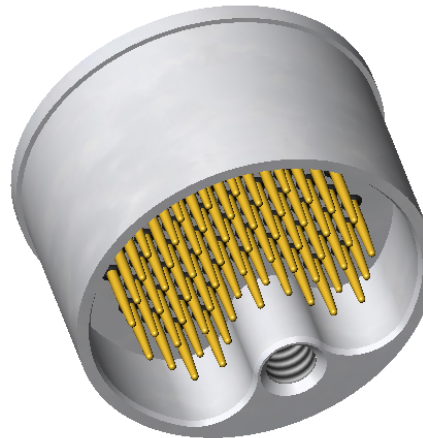
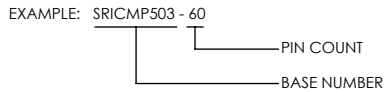
1. LEAK RATE: LESS THAN OR EQUAL TO 2X10E-10 CC/SEC He AT ONE ATMOSPHERE DIFFERENTIAL PRESSURE. TEST TO 1X10E-9 CC/SEC He AT ONE ATMOSPHERE DIFFERENTIAL PRESSURE.

2. MATERIALS:
 CONTACT: BERYLLIUM-COPPER ALLOY 172/173 IN ACCORDANCE WITH ASTM B196/197.
 INSULATOR: CERAMAX PROPRIETARY CERAMIC.
 WELD FLANGE: STAINLESS STEEL ALLOY 304L IN ACCORDANCE WITH SAE AMS-QQ-S-763.

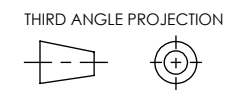
3. FINISH:
 CONTACTS: NICKEL PLATE PER QQ-N-290, CLASS 1, .000100 / .000250 THICK.
 GOLD PLATE PER ASTM B488-01, TYPE II, CODE C, .000050 / .000100 THICK.
 PLATE ENTIRE EXPOSED PIN, BOTH ENDS.
 SHELL: NONE.

5. OPERATING CHARACTERISTICS:
 TEMPERATURE: -65°C TO 300°C
 VOLTAGE: 750 AC RMS
 CURRENT: 7 AMPS

6. ORDERING INSTRUCTIONS:
 SPECIFY BASE NUMBER FOLLOWED BY DASH NUMBERS INDICATING PIN COUNT:



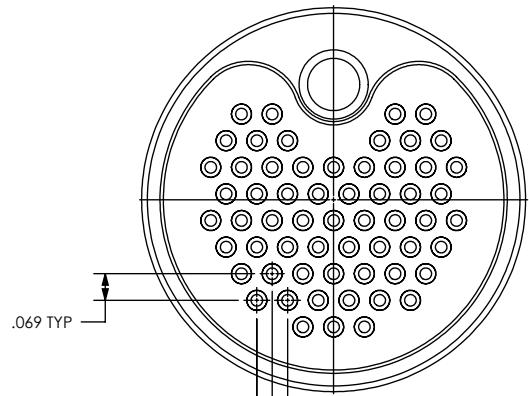
UNLESS OTHERWISE SPECIFIED
 DIMENSIONING IAW ASME Y14.5M-1994
 DIMENSIONS APPLY AFTER PROCESSES
 DIMENSIONS IAW US CUSTOMARY UNITS
 .X ± .1, .XX ± .01, .XXX ± .005, ∠ ± .5°
 .010 MAX OUTSIDE R, .005 MAX INSIDE R
 125 RMS SURFACE FINISH



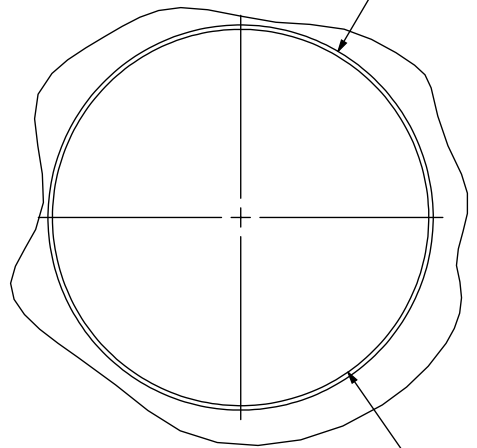
SRI HERMETICS (321) 254-4067
 WWW.SRIHERMETICS.COM

TITLE
 CONNECTOR, SUB-C, PLUG/PLUG, SC LBW

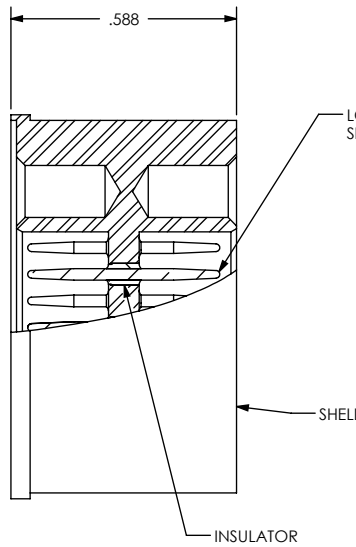
SIZE A	DOCUMENT SRISC507	REV -
SCALE 2:1	CAGE CODE 3PJY7	SHEET 1 OF 2



.080 TYP
.040 TYP



SUGGESTED HOLE DETAIL

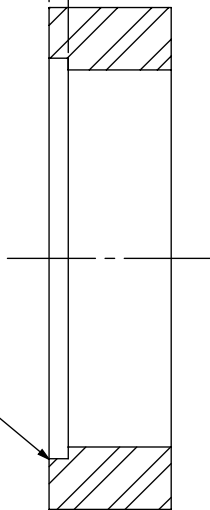


LOW INSERTION FORCE CONTACT
SR BOTH ENDS

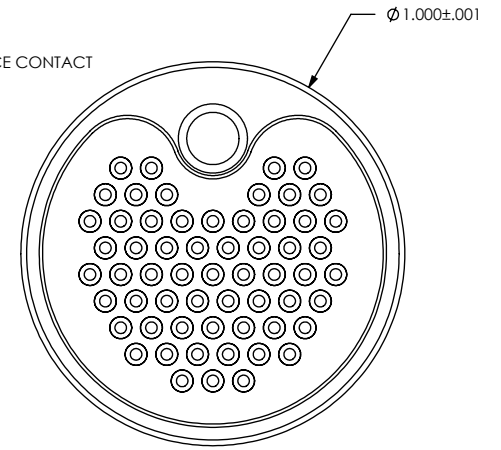
SHELL

INSULATOR

.050±.002



.003 MAX BRK



Ø 1.000±.001

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



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TITLE		CONNECTOR, SUB-C, PLUG/PLUG, SC LBW	
SIZE	DOCUMENT	SRISC507	REV
A			-
SCALE	CAGE CODE	3PJY7	SHEET
2:1			2 OF 2

THIRD ANGLE PROJECTION

