

REVISIONS			
REV	CHANGE NO.	DATE	APPROVED
-	INIT RLSE	3/16/2010	J. PETRI

STAINLESS STEEL COMPATIBLE LASER WELDABLE SUB-D CONNECTOR

- TRADITIONAL CONFIGURATION WITH THE FLANGE LOCATED AT THE MIDSECTION OF THE CONNECTOR
- DESIGNED TO LASER WELD INTO AN ELECTRONIC CHASSIS WALL
- CONFORMS TO MIL-DTL-24308, ARRANGEMENT 2 PIN COUNTS 15, 26, 44, 62, 78 AND ARRANGEMENT 1 PIN COUNT 104 CONTACT CONFIGURATIONS.
- INCORPORATES BERYLLIUM-COPPER CONTACTS INDIVIDUALLY SEALED USING CERAMAX® PROPRIETARY CERAMIC TO ESTABLISH A DURABLE HERMETIC SEAL.
- THE INTERNAL PINS CAN BE CONFIGURED TO ACCEPT INSULATED WIRE, AUTOMATIC WIRE BONDS, RIBBON WELDS, OR SOLDER CONNECTIONS.

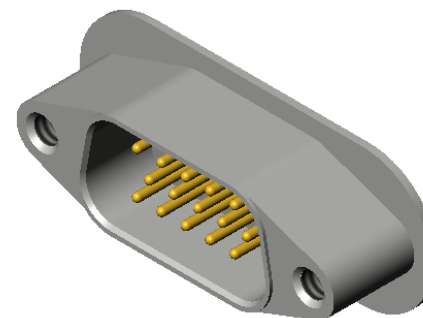
1. LEAK RATE: LESS THAN OR EQUAL TO 1X10E-9 CC/SEC He AT ONE ATMOSPHERE DIFFERENTIAL PRESSURE.
2. INTERFACE AND MOUNTING HOLES IN ACCORDANCE WITH MIL-DTL-24308/2.
3. MATERIALS:
 CONTACT: BERYLLIUM-COPPER ALLOY 172/173 IN ACCORDANCE WITH ASTM B196/197.
 INSULATOR: CERAMAX PROPRIETARY CERAMIC.
 SHELL: STAINLESS STEEL 304L IN ACCORDANCE WITH SAE AMS-QQ-S-763.

4. FINISH:
 CONTACTS: NICKEL PLATE PER QQ-N-290, .000100/.000250 THICK.
 GOLD PLATE PER ASTM B488, TYPE III, CODE A, .000050/.000100 THICK.
 PLATE ENTIRE EXPOSED PIN, BOTH ENDS.
 SHELL: PASSIVATED

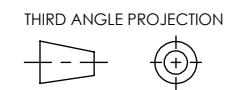
5. ORDERING INSTRUCTIONS:
 SPECIFY BASE NUMBER FOLLOWED BY DASH NUMBERS INDICATING PIN COUNT AND CONFIGURATION (SEE SHEET 2):

EXAMPLE: SRISD108 - 26 - A 1

- _____ DETAILED CONFIGURATION
- _____ PIN END STYLE (SEE VIEW A)
- _____ NUMBER OF CONTACTS, X (SEE SH3)
- _____ BASE NUMBER



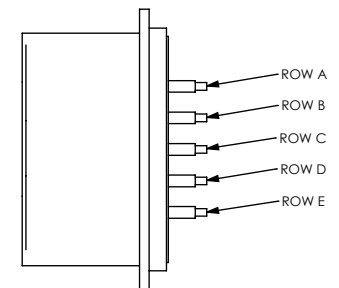
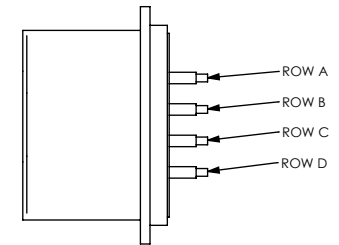
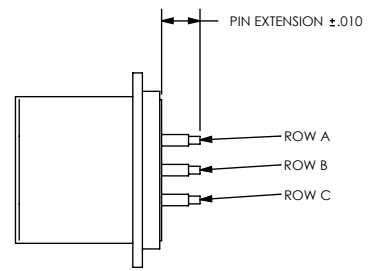
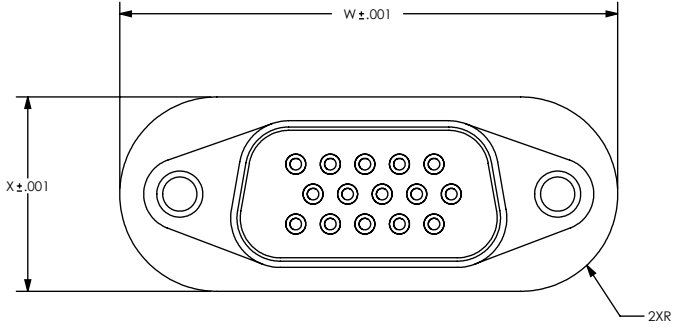
UNLESS OTHERWISE SPECIFIED
 DIMENSIONING IAW ASME Y14.5M-1994
 DIMENSIONS APPLY AFTER PROCESSES
 DIMENSIONS IAW US CUSTOMARY UNITS
 .X ± .1, .XX ± .01, .XXX ± .005, ∠ ± .5°
 .010 MAX OUTSIDE R, .005 MAX INSIDE R
 125 RMS SURFACE FINISH



SRI HERMETICS (321) 254-4067
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TITLE
 CONNECTOR, SUB-D, MID FLANGED, SC LBW

SIZE A	DOCUMENT SRISD108	REV A
SCALE 2:1	CAGE CODE 3PJY7	SHEET 1 OF 3

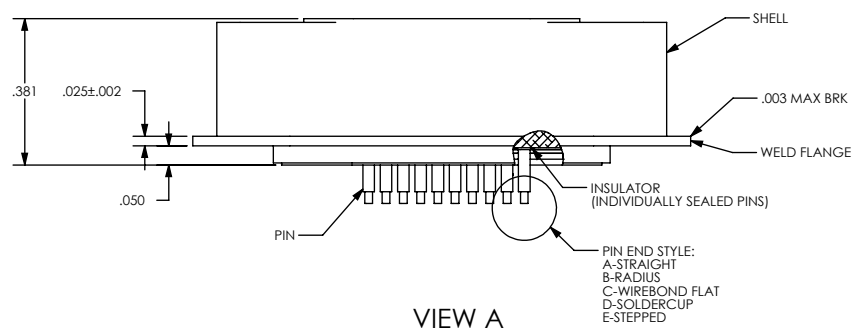


15, 26, 44, AND 62 PIN CONFIGURATIONS

78 PIN CONFIGURATION

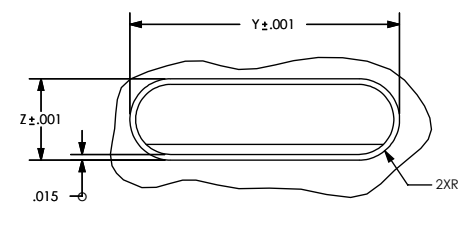
104 PIN CONFIGURATION

PIN EXTENSIONS (SEE SH 3)

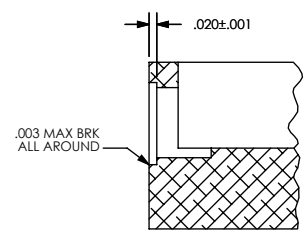


VIEW A

PIN END STYLE:
 A-STRAIGHT
 B-RADIUS
 C-WIREBOND FLAT
 D-SOLDERCUP
 E-STEPPED



HOLE DETAIL



NUMBER OF CONTACTS	W	X	Y	Z
15	1.297	0.506	1.300	0.509
26	1.625	0.506	1.628	0.509
44	2.165	0.506	2.168	0.509
62	2.814	0.506	2.817	0.509
78	2.720	0.618	2.723	0.621
104	2.814	0.730	2.818	0.733

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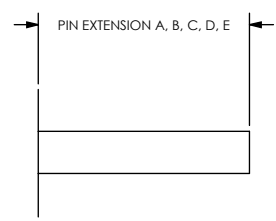
THIRD ANGLE PROJECTION

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TITLE: CONNECTOR, SUB-D, MID FLANGED, SC LBW

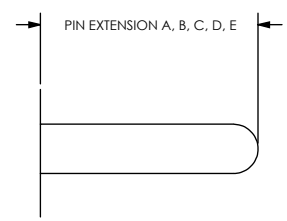
SIZE A	DOCUMENT SRISD108	REV A
SCALE 2:1	CAGE CODE 3PJY7	SHEET 2 OF 3

STRAIGHT PIN END STYLE, A



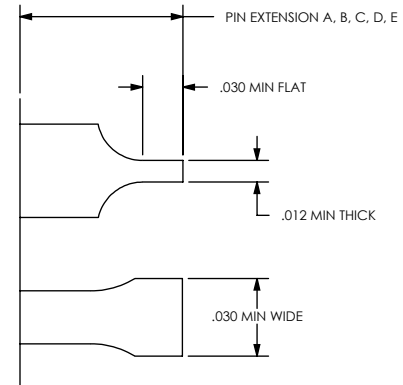
PART NUMBER	A	B	C	D	E
SRISD108 - X - A1	.345	.345	.345	.345	.345
SRISD108 - X - A2	.150	.150	.150	.150	.150

RADIUS PIN END STYLE, B



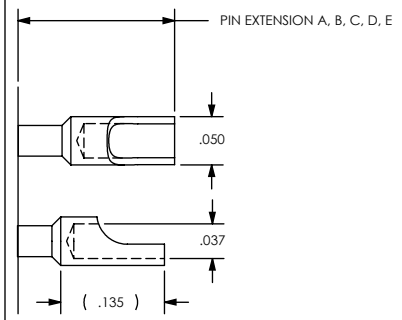
PART NUMBER	A	B	C	D	E
SRISD108 - X - B1	.360	.360	.360	.360	.360
SRISD108 - X - B2	.165	.165	.165	.165	.165

WIREBOND FLAT PIN END STYLE, C



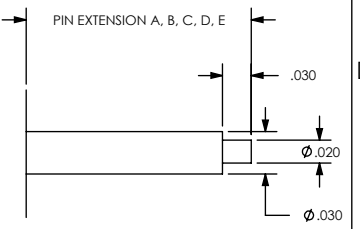
PART NUMBER	A	B	C	D	E
SRISD108 - X - C1	.360	.330	.300	.270	.240

SOLDERCUP PIN END STYLE, D



PART NUMBER	A	B	C	D	E
SRISD108 - X - D1	.185	.185	.185	.185	.185

STEPPED PIN END STYLE, E



PART NUMBER	A	B	C	D	E
SRISD108 - X - E1	.100	.100	.100	.100	.100
SRISD108 - X - E2	.250	.250	.250	.250	.250

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TITLE: CONNECTOR, SUB-D, MID FLANGED, SC LBW

SIZE: A DOCUMENT SRISD108 REV: A

SCALE: 2:1 CAGE CODE 3PJY7 SHEET 3 OF 3