STEEL COMPATIBLE LASER WELDABLE 8-PIN HEADER

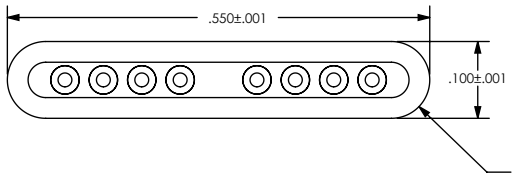
DOCUMENT	SRIMP106

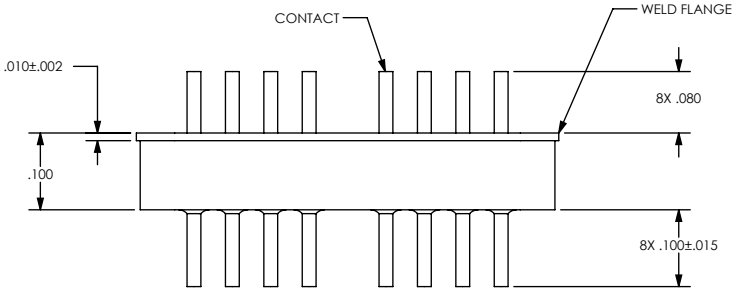
REVISIONS

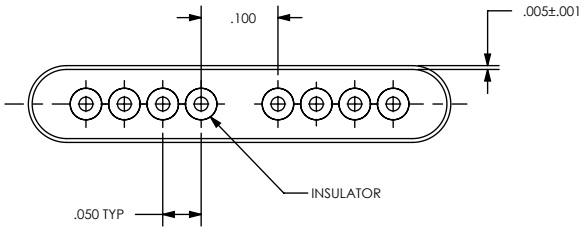
REV	DCN	REV DATE	RELEASE APPROVAL
-	INIT RLSE		Jim Pezzi 2011.07.15 14:59:48 -04'00'

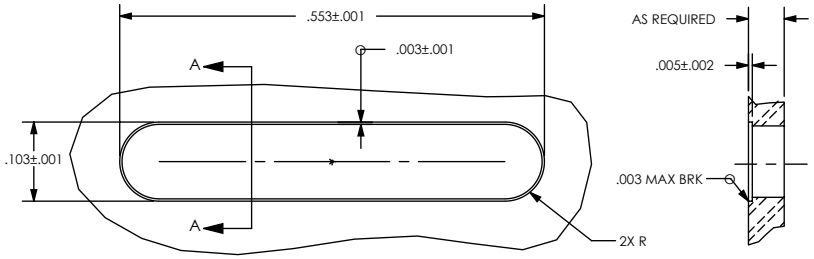
- CONFIGURATION WITH THE WELD LIP LOCATED AT THE TOP OF THE CONNECTOR
- DESIGNED TO LASER WELD INTO AN ELECTRONIC CHASSIS WALL
- INCORPORATES BERYLLIUM-COPPER CONTACTS INDIVIDUALLY SEALED USING CERAMAX® PROPRIETARY CERAMIC TO ESTABLISH A DURABLE HERMETIC SEAL.

1. HERMETIC LEAK RATE: LESS THAN OR EQUAL TO $1X10^{-9}$ CC/SEC He AT ONE ATMOSPHERE DIFFERENTIAL PRESSURE.
2. INSULATION RESISTANCE: GREATER THAN 5,000 MEGOHMS AT 500±10% VDC AT 25°C IN ACCORDANCE WITH EIA-364-21.
3. DIELECTRIC WITHSTANDING VOLTAGE: NO EVIDENCE OF BREAKDOWN OR FLASHOVER AT 600 VAC RMS (60Hz)IN ACCORDANCE WITH EIA-364-20. DURATION OF APPLICATION SHALL BE 1 SECOND MINIMUM.
4. MATERIALS:
   CONTACT: BERYLLIUM-COPPER ALLOY 172/173 IN ACCORDANCE WITH ASTM B196/197.
   INSULATOR: CERAMAX PROPRIETARY CERAMIC.
   WELD FLANGE: 304L STAINLESS STEEL IN ACCORDANCE WITH QQ-S-763.
5. FINISH:
   CONTACTS: NICKEL PLATE PER QQ-N-290, CLASS 1, .000100 /.000250 THICK.
   GOLD PLATE PER ASTM B488-01, TYPE III, CODE A, .000050 / .000100 THICK.
   PLATE ENTIRE EXPOSED PIN, BOTH ENDS.
6. ORDERING INSTRUCTIONS:
   SPECIFY PART NUMBER SRIMP106 - 1









SUGGESTED HOLE DETAIL

SECTION A-A

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

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

TITLE
HEADER, SC LBW (8 PIN)

SIZE	DOCUMENT	REV
A	SRIMP106	-

SCALE	CAGE CODE	SHEET
4:1	3PJY7	1 OF 1