DATE	REV	ECN	APP'D. BY
2-29-16	A6	10573	TRM
7-13-16	A7	10717	TRM

(.708 [17.98])

.635 [16.13] MAX.

STEWART
PATENTED

B

.450 [11.43]

.850 [21.59] MAX.

(.148 [3.75])
HIGHEST POINT
OF BEAM

(.599 [15.21])

(.016 [0.41])

(.083 [2.12])
HIGHEST POINT
OF BEAM

.425 [10.79] MAX.

(.040 [1.02]) TYP.

.125±.010 [3.18±0.25]

.155 [3.94] TYP.

(.068 [1.73])

B

(.042 [1.05])
TYP.

1 3 5 7
2 4 6 8
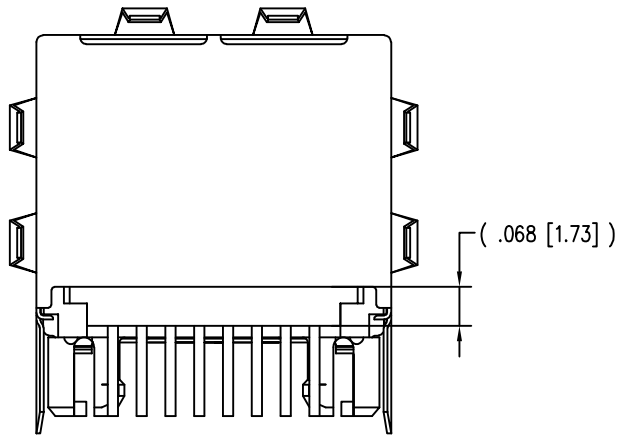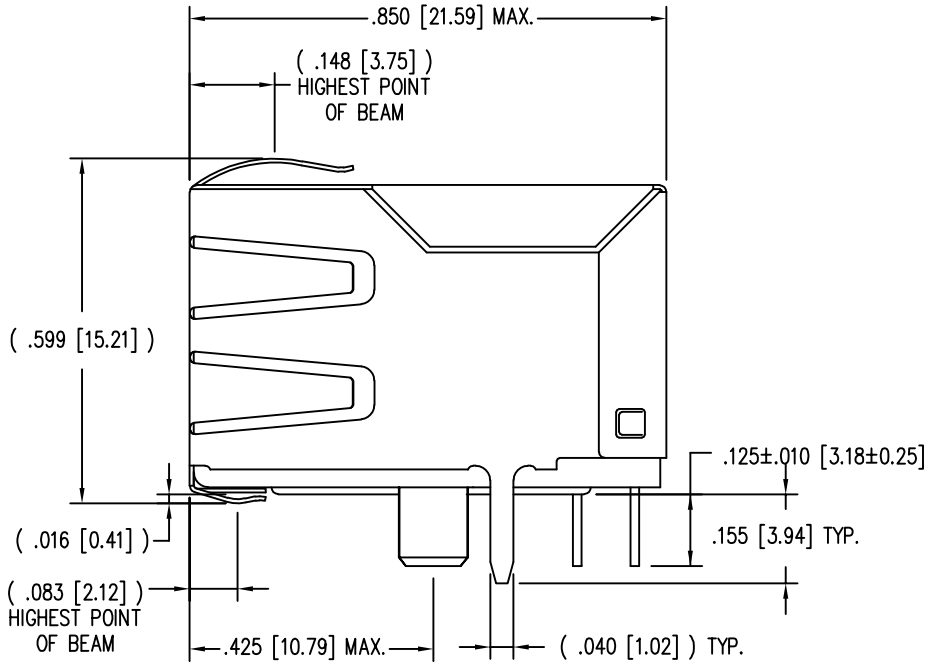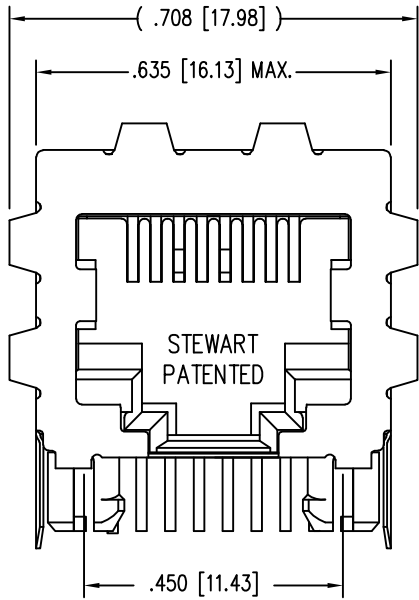
NOTES:

1. CONNECTOR MATERIALS:
   HOUSING: THERMOPLASTIC UL94 V-0
   CONTACTS/SHIELD: COPPER ALLOY
   SHIELD PLATING: NICKEL
        SHIELD TAILS ARE "TIN DIPPED"
   CONTACT PLATING: SELECTIVE GOLD IN CONTACT AREA
        SEE CHART FOR PART NUMBER

2. DESIGNED FOR CATEGORY 5/5e APPLICATIONS.

3. DIMENSIONS AND TOLERANCES COMPLY WITH TIA-1096 STANDARD.

4. THE SUGGESTED PANEL OPENING IS INTENDED TO GIVE
   USER THE ABILITY TO HAVE REASONABLE JACK/PANEL
   CLEARANCES, YET MAINTAIN GROUNDING CAPABILITY.
   THESE VARIABLES CAN BE ADJUSTED IN EITHER DIRECTION
   BUT MAY CARRY SOME CONSEQUENCES IN THE FORM OF
   LOWER MATING FORCES OR TIGHTER ASSEMBLY TOLERANCES.

5. DIELECTRIC WITHSTANDING VOLTAGE (CONTACT TO SHIELD) : 2250VDC

6. IR REFLOW COMPATIBLE FOR 260°C

7. FOR PRODUCT SPECIFICATION SEE PR022-01

.100 [2.54] (3)
.050 [1.27] (7)
.050 [1.27]

Ø.035 [0.89] ±.003 [.076] (8)
⌖ Ø.006 [0.15]

.100 [2.54]

PIN # 1

.250 [6.35]

.120 [3.05]

Ø.065 [1.65] ±.003 [0.08] (2)
⌖ Ø.006 [0.15]

.080 [2.03]

.450 [11.43]

ø .128 [3.25] (2)
  .125 [3.18]
⌖ Ø.006 [0.15]

.610 [15.49]
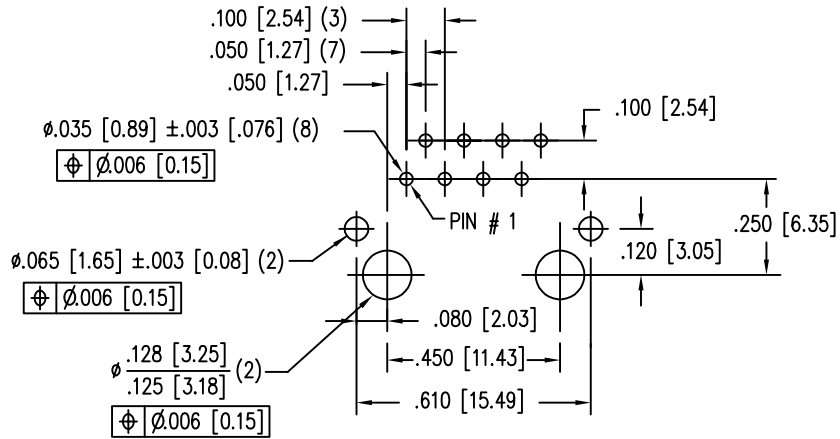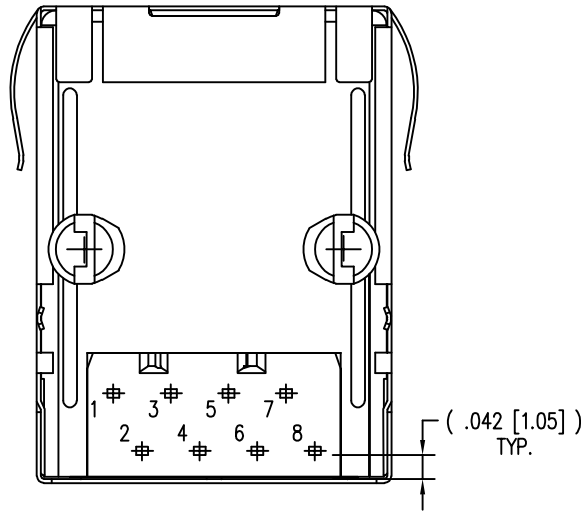
P.C.B. RECOMMENDED HOLE LAYOUT
SEEN FROM COMPONENT SIDE

ALL CENTERLINE DIMENSIONS ARE BASIC.
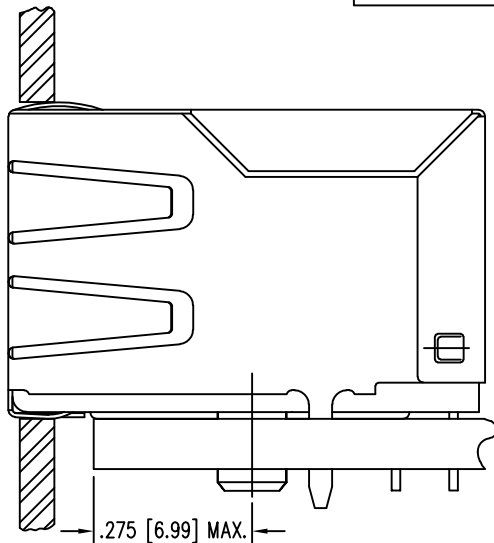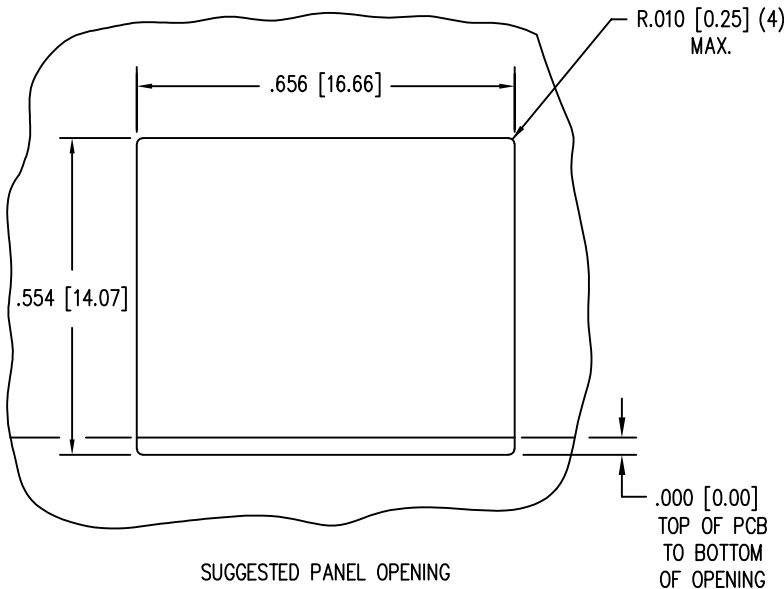
CONTACT PLATING IN MATING AREA	PART NUMBER
50 MICRO-INCHES [1.27um]	SS71800-019F
30 MICRO-INCHES [0.76um]	SS71800-018F

R.010 [0.25] (4)
MAX.

.656 [16.66]

A

.554 [14.07]

.000 [0.00]
TOP OF PCB
TO BOTTOM
OF OPENING

SUGGESTED PANEL OPENING

.275 [6.99] MAX.

A

THIRD ANGLE PROJECTION

stewart
CONNECTOR
a bel group

11118 Susquehanna Trail South
Glen Rock, PA 17327-9199
(717) 235-7512
http://www.stewartconnector.com

DO NOT SCALE DRAWING
DRAWING IS SUBJECT TO
CHANGE WITHOUT NOTICE

DIMENSIONS: INCHES [METRIC]

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE ±.005 [0.13]
ANGLES ARE ± 1°

SHEET NO.
1 OF 1

TITLE:
8 CONTACT, 8 POSITION, SHIELDED CAT 5/5e JACK
EMI-RFI ONE PIECE SHIELDED, ESD GROUNDED

DRN BY: TRM   DATE 12-16-04

APPD BY: RGC   DATE 12-16-04

DWG NO.
CT710024F

REV.
A7

RoHS ✓

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Bel](#):
  [SS71800-019F](#) [SS71800-018F](#)