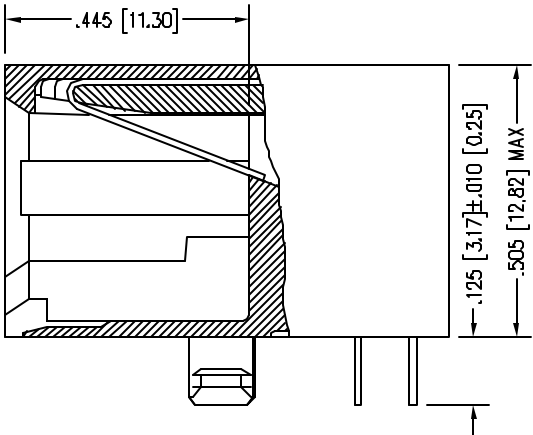
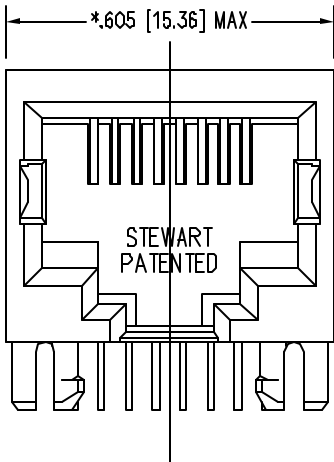


| DATE   | REV | ECN  | APP'D. BY |
|--------|-----|------|-----------|
| 2/2/06 | A2  | 7457 | JM        |
|        |     |      |           |
|        |     |      |           |
|        |     |      |           |

B

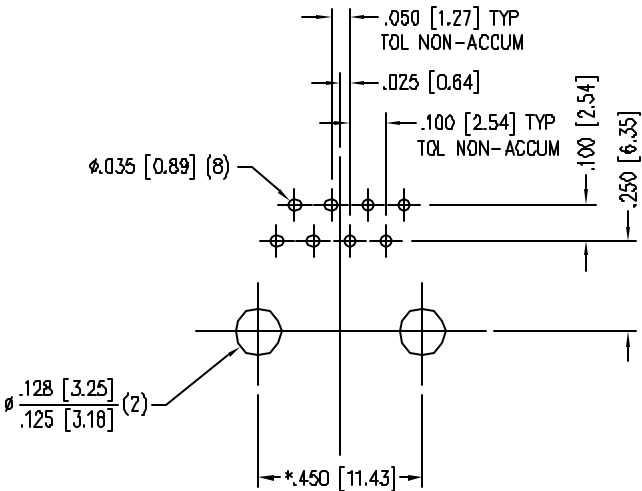
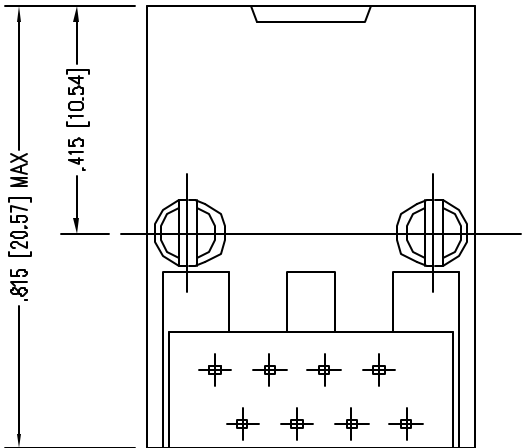
B



- NOTES:
- CONNECTOR MATERIALS:  
HOUSING: THERMOPLASTIC UL94 V-0  
CONTACTS/SHIELD: COPPER ALLOY  
SHIELD PLATING: NICKEL OR TIN  
CONTACT PLATING: SELECTIVE GOLD IN CONTACT AREA  
SEE CHART FOR PART NUMBER
  - FOR PRODUCT SPECIFICATIONS SEE PRO22-01.
  - TOLERANCES COMPLY WITH F.C.C. DIMENSION REQUIREMENTS.
  - 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.

A

A



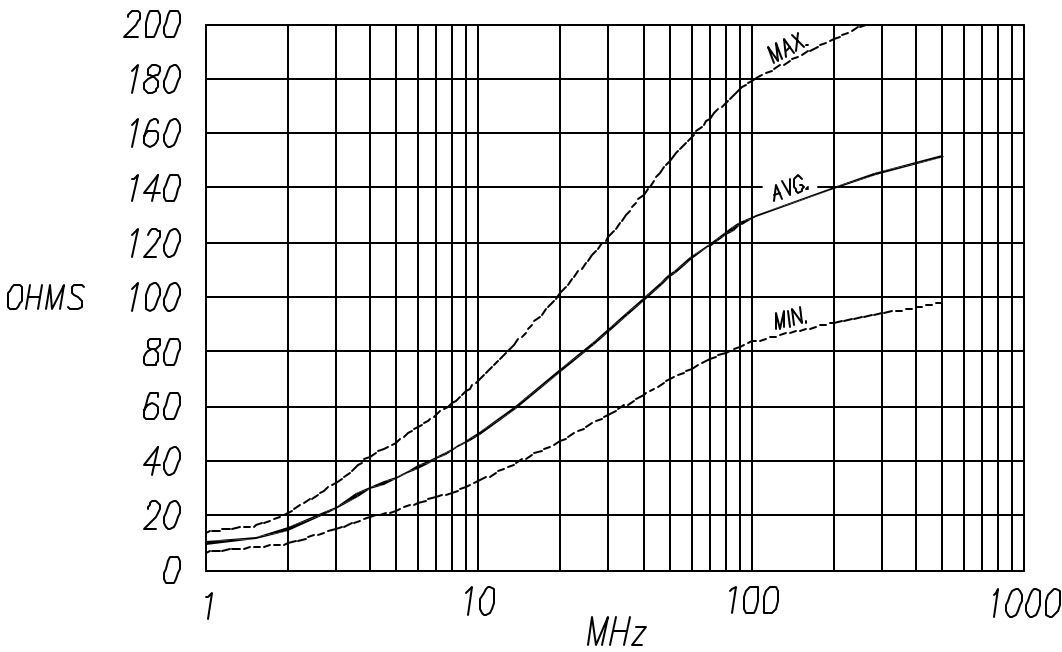
P.C.B. RECOMMENDED HOLE LAYOUT  
SEEN FROM COMPONENT SIDE  
TOLERANCE  $\pm .003$  [0.08] UNLESS OTHERWISE SPECIFIED



|                                   |               |
|-----------------------------------|---------------|
| 30 MICRO-INCHES [0.76um]          | SS-7288FR1-NF |
| CONTACT PLATING<br>IN MATING AREA | PART NUMBER   |

|                                                                                            |  |                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                       |  |
|--------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| THIRD ANGLE PROJECTION                                                                     |  |                                                                                                                                                                                                                                                                                                            |  | <h1>Bel Stewart Connector</h1> <p>11118 Susquehanna Trail South<br/>Glen Rock, PA 17327-9199<br/>(717) 235-7512 Fax: (717) 235-7954 <a href="http://www.stewartconnector.com">http://www.stewartconnector.com</a></p> |  |
| DO NOT SCALE DRAWING<br>DRAWING IS SUBJECT TO<br>CHANGE WITHOUT NOTICE                     |  | TITLE<br>EIGHT CONTACT, EIGHT POSITION, FILTERED JACK<br>FERRITE INSERT, NON-FLANGE                                                                                                                                                                                                                        |  | DRN BY: KRL DATE 2/2/06                                                                                                                                                                                               |  |
| DIMENSIONS: INCHES [METRIC]                                                                |  | THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING. |  | APPD BY: JM DATE 2-3-06                                                                                                                                                                                               |  |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE $\pm .005$ [0.13]<br>ANGLES ARE $\pm 1^\circ$ |  | SHEET NO. 1 OF 2                                                                                                                                                                                                                                                                                           |  | DWG NO. CT720004 REV. A2                                                                                                                                                                                              |  |

| FERRITE MATERIAL CHARACTERISTICS |                         |                                     |                            |
|----------------------------------|-------------------------|-------------------------------------|----------------------------|
| FERRITE MATERIAL DESIGNATION     | NOISE SUPPRESSION RANGE | INITIAL PERMEABILITY @ B < 10 gauss | VOLUME RESISTIVITY OHM-CM. |
| FR1                              | 30 MHz TO 200 MHz       | 500 TO 1500                         | $\geq 10^8$                |



IMPEDANCE CURVE for 7288FR1 INSERT  
—— AVERAGE IMPEDANCE CURVE  
----- MAX. & MIN. IMPEDANCE CURVES

NOTE:  
MAXIMUM AND MINIMUM IMPEDANCE VALUES ARE DEPENDENT ON:  
1) HOLE POSITION WITHIN THE INSERT'S GEOMETRY, AND  
2) FERRITE MATERIAL'S IMPEDANCE VALUE TOLERANCE OF  $\pm 25\%$



|                                |               |
|--------------------------------|---------------|
| 30 MICRO-INCHES [0.76um]       | SS-7288FR1-NF |
| CONTACT PLATING IN MATING AREA | PART NUMBER   |

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING  
DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE

DIMENSIONS: INCHES [METRIC]

UNLESS OTHERWISE SPECIFIED  
TOLERANCES ARE  $\pm .005$  [0.13]  
ANGLES ARE  $\pm 1^\circ$

SHEET NO. 2 OF 2

# Bel Stewart Connector

11118 Susquehanna Trail South  
Glen Rock, PA 17327-9199  
(717) 235-7512 Fax: (717) 235-7954 <http://www.stewartconnector.com>

TITLE: EIGHT CONTACT, EIGHT POSITION, FILTERED JACK  
FERRITE INSERT, NON-FLANGE

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF BEL STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF BEL STEWART CONNECTOR. THE SUBJECT MATTER MAY BE PATENTED OR A PATENT MAY BE PENDING.

|                  |             |
|------------------|-------------|
| DRN BY: KRL      | DATE 2/2/06 |
| APPD BY: JM      | DATE 2-3-06 |
| DWG NO. CT720004 | REV. A2     |