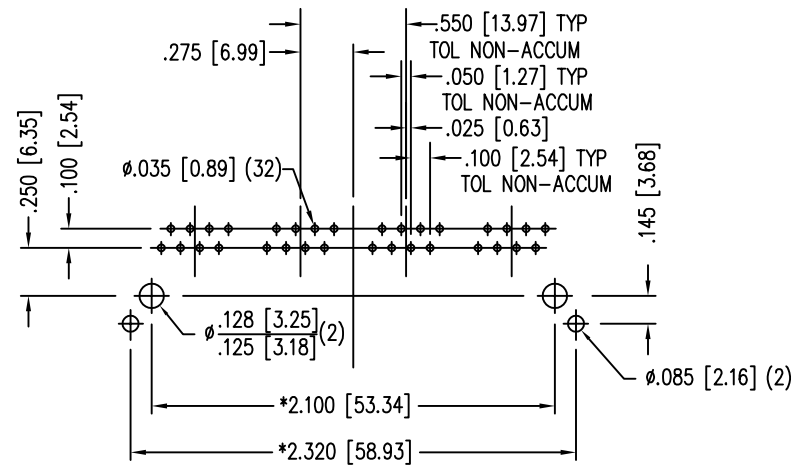
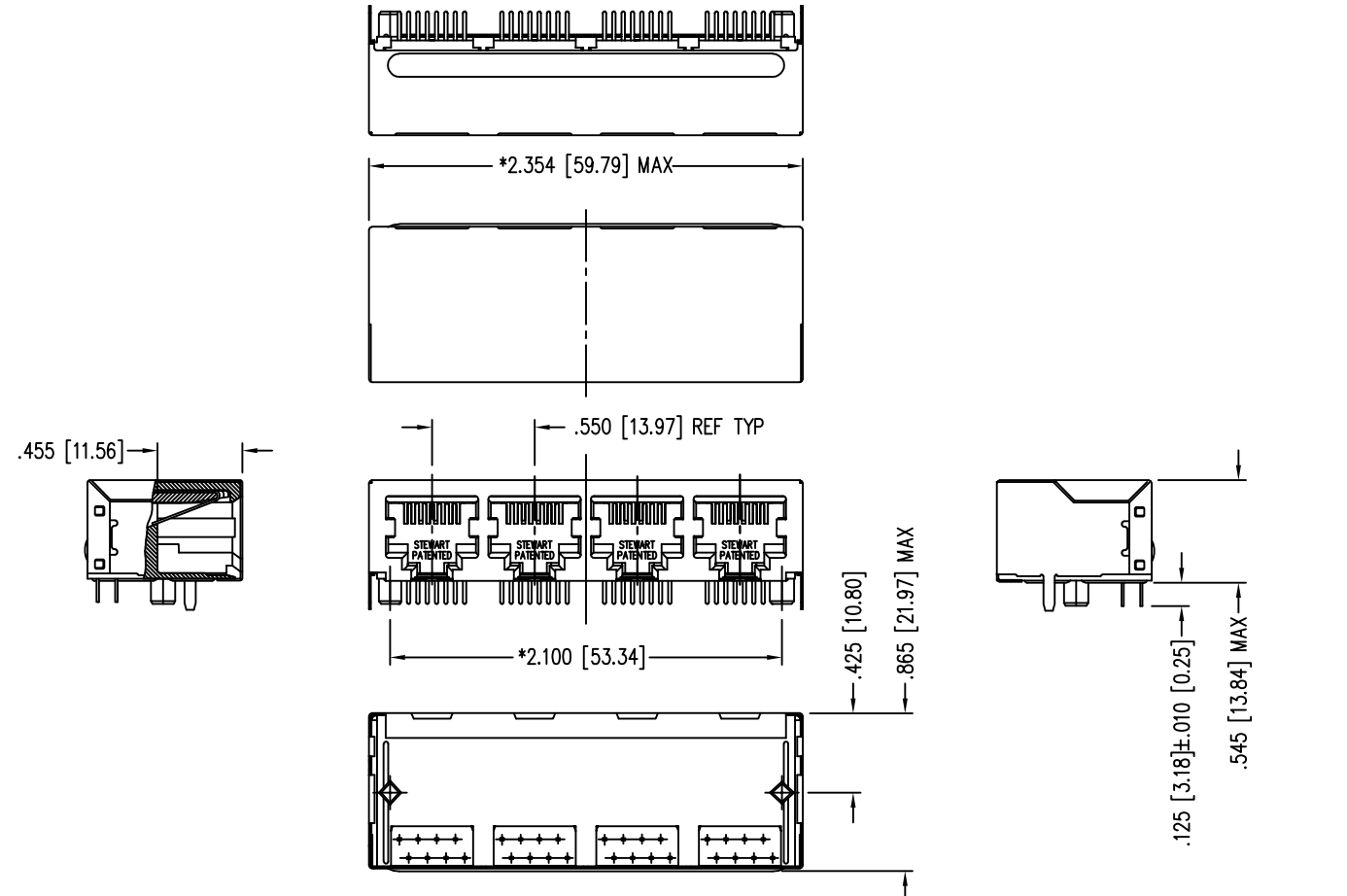


| DATE    | REV | ECN   | APP'D. BY |
|---------|-----|-------|-----------|
| 3-28-16 | A6  | 10641 | TRM       |
| 2-24-17 | A7  | 10917 | TRM       |
|         |     |       |           |
|         |     |       |           |



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

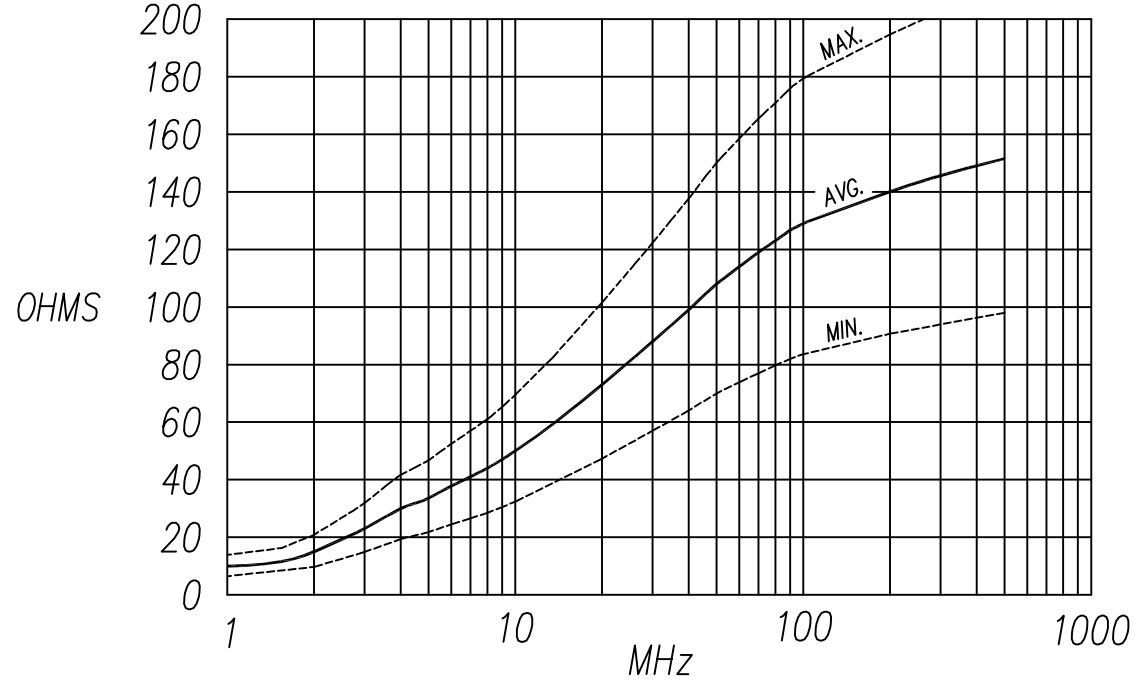
- NOTES:
- CONNECTOR MATERIALS:  
 HOUSING: THERMOPLASTIC UL94 V-0  
 CONTACTS/SHIELD: COPPER ALLOY  
 SHIELD PLATING: NICKEL OR TIN  
 CONTACT PLATING: SELECTIVE GOLD IN CONTACT AREA  
 SEE CHART FOR PART NUMBER
  - FOR PRODUCT SPECIFICATIONS SEE PR022-01.
  - DIMENSIONS AND TOLERANCES COMPLY WITH TIA-1096 STANDARD.

|                                   |                    |
|-----------------------------------|--------------------|
| 30 MICRO-INCHES [0.76um]          | SS-728804SFR1-A-NF |
| CONTACT PLATING<br>IN MATING AREA | PART NUMBER        |



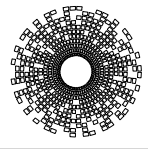
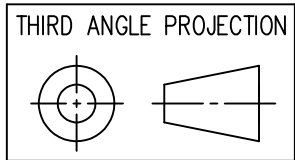
|  |   |   |
|--|---|---|
| THIRD ANGLE PROJECTION<br>   | <br>a bel group   | 1118 Susquehanna Trail South<br>Glen Rock, PA 17327-9199<br>(717) 235-7512<br><a href="http://www.stewartconnector.com">http://www.stewartconnector.com</a> |
| DO NOT SCALE DRAWING<br>DRAWING IS SUBJECT TO<br>CHANGE WITHOUT NOTICE       | TITLE: 4 PORT PCB HARMONICA FILTER JACK PAC<br>EMI-RFI ONE PIECE SHIELDED, ESD GROUNDED |   |
| DIMENSIONS: INCHES [METRIC]  | DRN BY: KRL   | DATE: 2/2/06  |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES ARE ±.005 [0.13]<br>ANGLES ARE ± 1° | APPD BY: JM   | DATE: 2-3-06  |
| SHEET NO. 1 OF 2   | DWG NO. CT720019  | REV. A7   |

| 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 728FR1 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  $\pm 25\%$ .



**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  $\pm 0.005$  [0.13]  
 ANGLES ARE  $\pm 1^\circ$   
 SHEET NO. 2 OF 2

TITLE: 4 PORT PCB HARMONICA FILTER JACK PAC  
 EMI-RFI ONE PIECE SHIELDED, ESD GROUNDED  
 THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF STEWART CONNECTOR. ONE OR MORE U.S. PATENTS MAY APPLY TO THIS PRODUCT. FOR DETAILS, PLEASE VISIT: [HTTP://BELFUSE.COM/STEWART/STEWART\\_PATENTS/](http://BELFUSE.COM/STEWART/STEWART_PATENTS/)  
 DRN BY: KRL DATE 2/2/06  
 APPD BY: JM DATE 2-3-06  
 DWG NO. CT720019 REV. A7