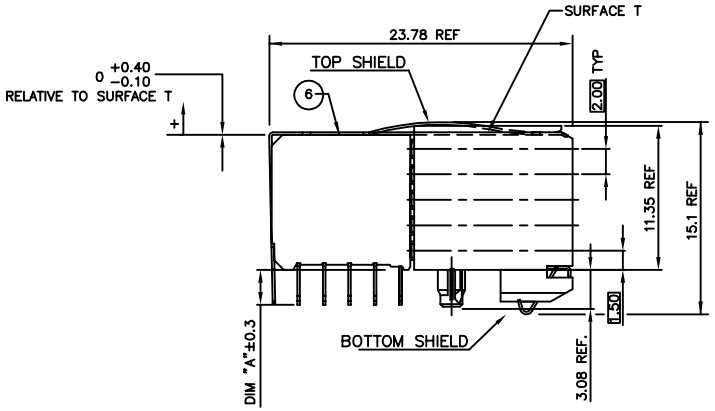
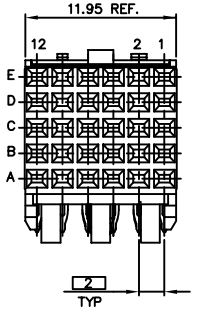
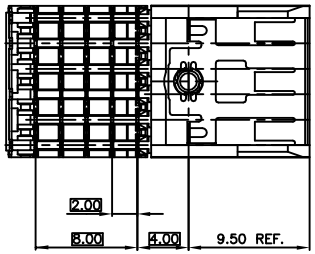
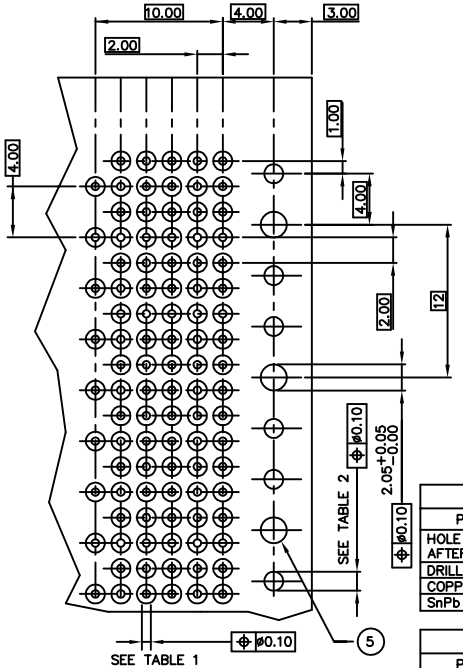
| PRODUCT NO. | P.C.B. THICKNESS | DIM "A" |
|---|---|---|
| 85847-X02 | 1.6 | 2.90 |
| 85847-X12 | 2.4 | 3.53 |
| 85847-X02LF | 1.6 | 2.90 |
| 85847-X12LF | 2.4 | 3.53 |

| PLATING CONTACT AREA: | |
|---|---|
| DASH NR: | PERFORMANCE LEVEL |
| -1YY | TELCORDIA CO |
| -2YY | CUSTOMER SPECIAL |
| -3YY | CUSTOMER SPECIAL |
| -9YY | TELCORDIA CO |
| -1YYLF | TELCORDIA CO |
| -2YYLF | CUSTOMER SPECIAL |
| -3YYLF | CUSTOMER SPECIAL |
| -9YYLF | TELCORDIA CO |




RECOMMENDED PC BOARD LAYOUT,
COMPONENT SIDE.
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

| TABLE 1 | |
|---|---|
| PLATED THRU HOLE REQUIREMENTS | |
| HOLE DIAMETER AFTER PLATING | 0.65-0.80 |
| DRILLED HOLE | 0.81-0.86 (0.85 DRILL) |
| COPPER PLATING | 0.025 - 0.05 |
| SnPb PLATING | 0.005-0.015 |

| TABLE 2 | |
|---|---|
| PLATED THRU HOLE REQUIREMENTS | |
| HOLE DIAMETER AFTER PLATING | 1.50-1.60 |
| DRILLED HOLE | 1.63-1.66 |
| COPPER PLATING | 0.025 - 0.050 |
| SnPb PLATING | 0.005-0.015 |

NOTES:

1. CONNECTOR MATERIALS:
   HOUSING: LCP, 30% GLASS FILLED, UL 94-V0 COMPLIANT
   TERMINAL: PHOSPHOR BRONZE ALLOY
   SHIELD: PHOSPHOR BRONZE ALLOY
2. PLATING ON PRESS-FIT TAIL:
   85847-XYY: 0.5-1.5 µm SnPb
   85847-XYYLF: 0.5-1.5 µm Sn (LEAD FREE)
3. PRODUCT SPECIFICATION:
   GS-12-002
4. APPLICATION SPECIFICATIONS:
   TA-941
5. INDICATED HOLES ARE UNPLATED.
6. TOP SURFACE OF PRESS BLOCK MAY EXTEND UP TO 0.4MM HIGHER THAN HOUSING. THIS MAY AFFECT THE TAIL LENGTH BEFORE APPLICATION TO A BOARD.
7. THESE PRODUCTS WHERE THE PART NUMBER ENDS IN "LF" MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
   ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 240° FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
8. FOR LEAD FREE PART NUMBERS ADD "LF" SUFFIX. EXAMPLE: 85847-X02LF

| ltr | ecn no | dr | date |
|---|---|---|---|
| P | DG07-0169 | Cenh | 05/15/07 |
| J | V10166 | GNY | 7/9/01 |
| K | V12205 | CGD | 10/2/01 |
| L | V20669 | CGD | 4/17/02 |
| M | V03-0722 | LP | 8/22/03 |
| N | V05-0545 | DAI | 07/12/05 |

| sheet | revision |
|---|---|
| index | sheet |
| | P |
| | 1 |

mat'l. code: SEE NOTE 1

tolerances unless otherwise specified: linear .X ±.3, .XX ±.10, .XXX ±.050; angles 0° ±2°

| dr | R.VISSCHERS | 2/2/95 |
|---|---|---|
| engr | E.FEIJEN | 2/2/95 |
| chr | E.FEIJEN | 2/2/95 |
| appd | E.FEIJEN | 2/2/95 |

CUSTOMER COPY

projection

MM

scale 1:1

www.fciconnect.com

title: B SERIES R/A SIGNAL RECEPT ASSY 5 ROW, 1 MOD, PF

product family METRAL (tm) | code 213

size A | dwg no 85847 | sheet 1 of 1

cage code 22526

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