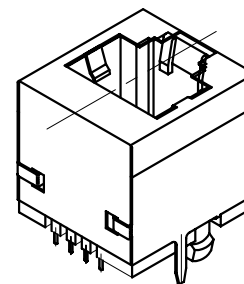
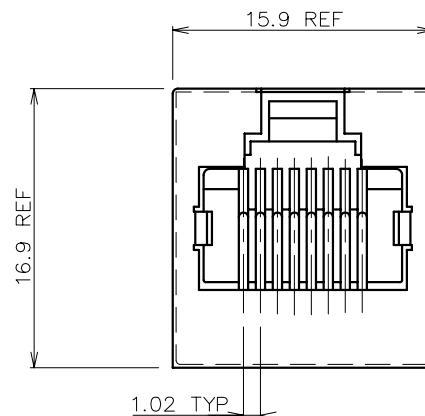


RECOMMENDED PC BOARD LAYOUT

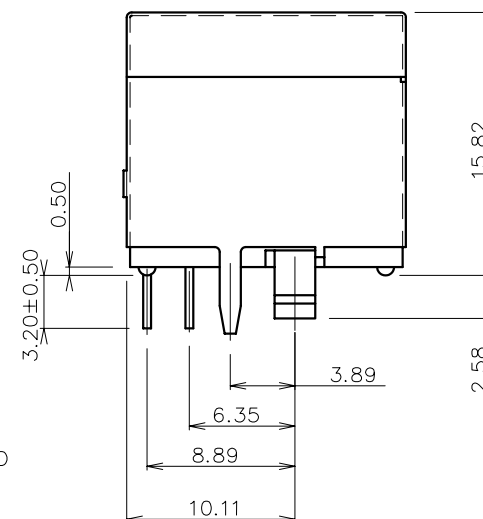
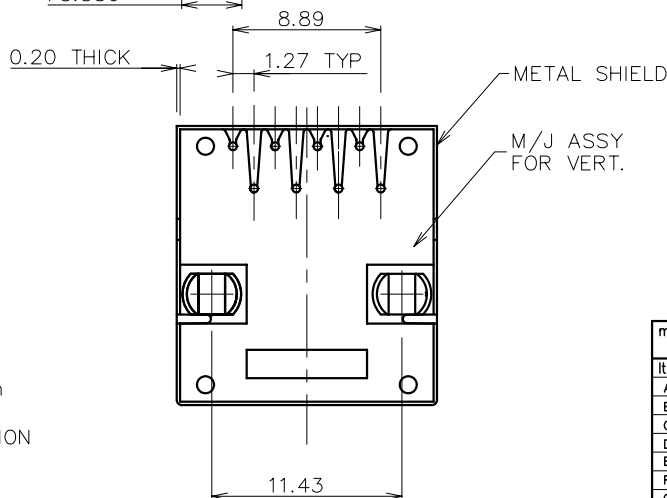
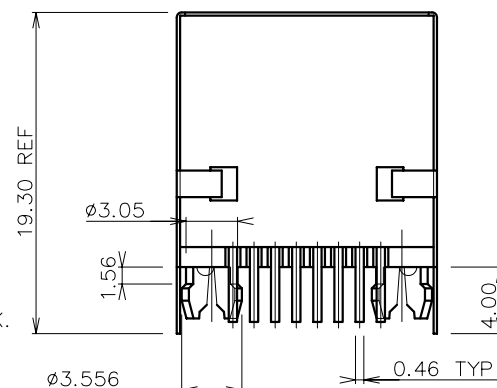
# NOTES:

1. RECOMMENDED P.C.B THICKNESS 1.60 MM
2. HOUSING MAT'L: NYLON 66,25% G.F UL 94V-0, BLACK.
3. CONTACTS: PHOS BRONZE ALLOY UNS-C51000,  $\phi$  0.460 ROUND WIRE, PLATING SEE TABLE.
4. METAL SHELL MATERIAL:  
COPPER ALLOY, 0.20mm THICK  
FOR 91139-XXX  
FINISH: TIN-LEAD 100u" THICK MIN.  
FOR 91139-XXXLF  
FINISH: UNDERPLATING WITH 50u" MIN. NICKEL  
OVERPLATING WITH 80u" MIN PURE BRIGHT TIN
5. PACKAGING : GES-14-351, USE TRAY
6. ALL DIMENSIONS IN MINIMETER.
7. IF LF P/N THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
8. IF LF P/N THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.60mm MINIMUM THICK CIRCUIT BOARD
9. IF LF P/N PACKAGING MEETS GS-14-920 SPECIFICATION



| P/N         | WIRE NUMBERS LOADED | PLATING     |
|-------------|---------------------|-------------|
| 91139-088   | ALL                 | 30u" G.X.T. |
| 91139-588   | ALL                 | 50u" G.X.T. |
| 91139-088LF | ALL                 | 30u" G.X.T. |
| 91139-588LF | ALL                 | 50u" G.X.T. |

LEAD FREE PRODUCT NO.



| mat'l. code |                |     |          | tolerances unless otherwise specified |                    | CUSTOMER COPY |                              | FCI Electronics |                    |
|-------------|----------------|-----|----------|---------------------------------------|--------------------|---------------|------------------------------|-----------------|--------------------|
| ltr         | ecn no         | dr  | date     | linear                                | .X ±.25            | projection    | title                        | code            | www.fciconnect.com |
| A           | T50107         | C L | 4/17/95  | linear                                | .XX ±.13           | projection    | 8 POS VERT PCB. M/J ASSY     | code            |                    |
| B           | T50355         | C L | 11/23/95 | linear                                | .XXX ±.05          | projection    | SHIELDED, WITHOUT PANEL STOP | code            |                    |
| C           | V70335         | C L | 3/11/97  | angles                                | 0' ±2'             | projection    | product family               | code            |                    |
| D           | T90381         | JSR | 11/10/99 | dr                                    | C L FENG 4/17/95   | projection    | size dwg no                  | code            |                    |
| E           | T03-0443       | WL  | 10/06/03 | enr                                   | TONY CHIEN 4/17/95 | projection    | scale                        | code            |                    |
| F           | N04-0040       | ZC  | 08/16/04 | chr                                   | TONY CHIEN 4/17/95 | projection    | 3:1                          | code            |                    |
| G           | N04-0115       | YS  | 12/06/04 | appd                                  | JENN TSAO 4/17/95  | projection    | 3:1                          | code            |                    |
| sheet index | revision sheet | G   | 1        |                                       |                    |               |                              |                 |                    |