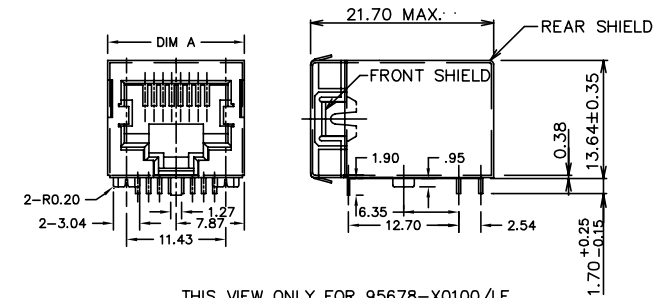
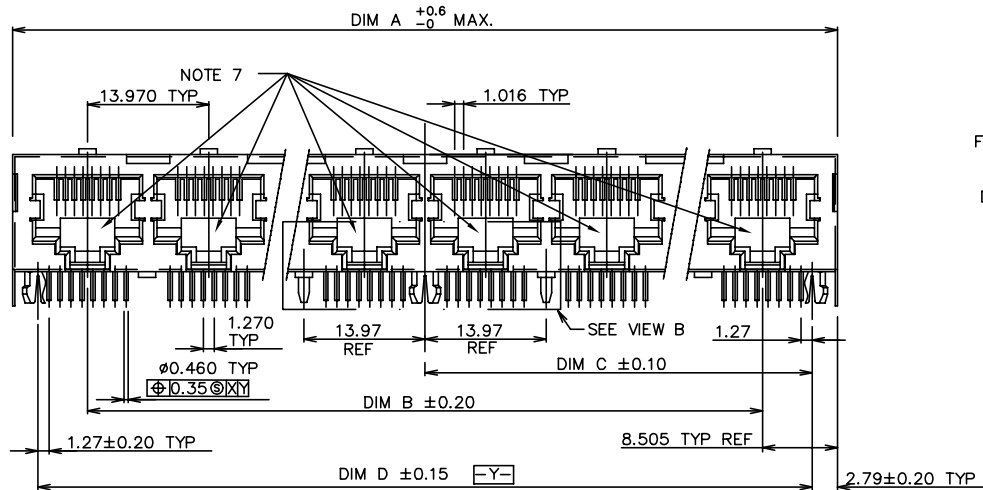
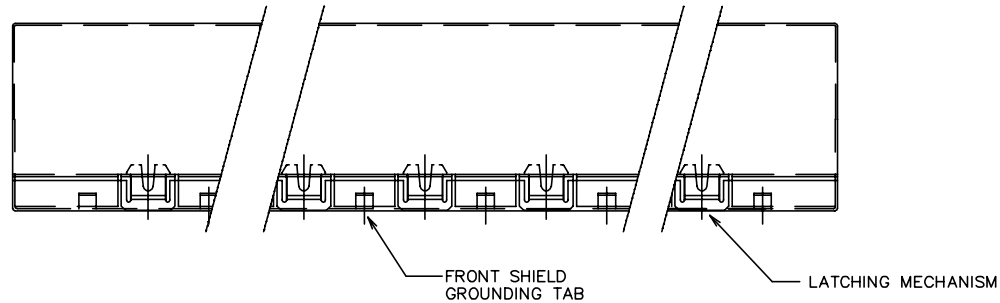
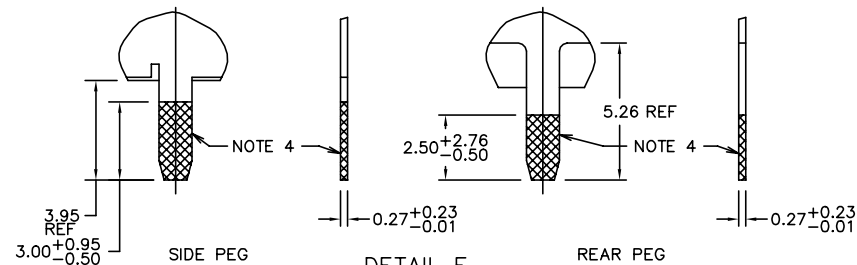
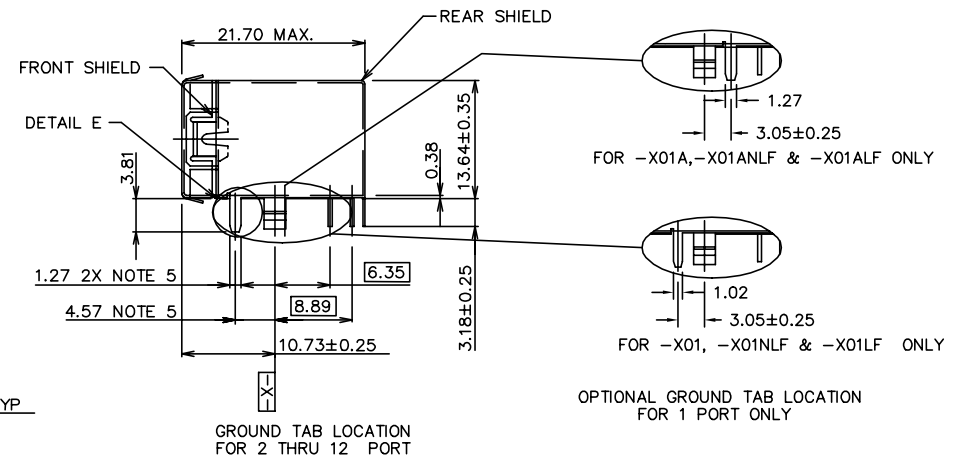


PRODUCT NO.

SEE TABLE



THIS VIEW ONLY FOR 95678-X0100/LF  
WITH FRONT TONGUE  
NO GROUNDING TABS AND PEGS



DETAIL E  
SCALE: 3/1

| mat'l. code                           |              | surface                               |            | tolerance                             |              | projection                            |       | product family                        |   |
|---------------------------------------|--------------|---------------------------------------|------------|---------------------------------------|--------------|---------------------------------------|-------|---------------------------------------|---|
| ISO 1301                              |              | ISO 1301                              |            | ISO 1301                              |              | ISO 1301                              |       | MOD JACK                              |   |
| tolerances unless otherwise specified |              | tolerances unless otherwise specified |            | tolerances unless otherwise specified |              | tolerances unless otherwise specified |       | tolerances unless otherwise specified |   |
| l                                     | tr           | ec                                    | n          | nd                                    | r            | date                                  | angle | title                                 |   |
| R                                     | ELX-N-011012 | SH                                    | 03/27/12   |                                       |              |                                       |       | R/A CAT5 GANG JACK ASSY               |   |
| J                                     | V03-1103     | PJ                                    | 10/23/03   |                                       |              |                                       |       | 8 POS SHIELDED SNAP PEG               |   |
| K                                     | N04-0101     | MHT                                   | 1/12/05    | 0°±2'                                 |              |                                       |       | scale 1.0                             |   |
| L                                     | N06-0225     | LONG                                  | 8/25/06    | dr                                    | L.POTTIEGER  | 8/30/95                               |       | dwg no                                |   |
| M                                     | N06-0289     | LONG                                  | 12/06/06   | eng                                   | Y.BELOPOLSKY | 8/30/95                               |       | sheet 1 of 7                          |   |
| N                                     | N08-0100     | SH                                    | 09/25/08   | chr                                   | Y.BELOPOLSKY | 8/30/95                               |       | 95678                                 |   |
| P                                     | ELX-N-007924 | SH                                    | 2011-11-17 | app                                   | Y.BELOPOLSKY | 8/30/95                               |       | A4                                    |   |
| sheet                                 |              | revision                              |            | R                                     | R            | R                                     | R     | R                                     | R |
| index                                 |              | sheet                                 |            | 1                                     | 2            | 3                                     | 4     | 5                                     | 6 |

| PRODUCT NO                                                               | PORTS NO | DIA A $\pm 0.60$<br>-0.00 | DIM B  | DIM C $\pm 0.10$ | DIM D $\pm 0.15$ | GROUND LEG NUMBER<br>ON THE BACK (VIEW B) | COMMENT |
|--------------------------------------------------------------------------|----------|---------------------------|--------|------------------|------------------|-------------------------------------------|---------|
| 95678-X01<br>95678-X01LF<br>95678-X01NLF<br>95678-X0100<br>95678-X0100LF | 1        | 15.74                     | -      | 5.715            | 11.43            | SEE DIAGRAM<br>ON SHT. 3                  | NOTE 5  |
| 95678-X01A<br>95678-X01ALF<br>95678-X01ANLF                              | 1        | 15.74                     | -      | 5.715            | 11.43            |                                           | NOTE 5  |
| 95678-X02YZ<br>95678-X02YZLF<br>95678-X02NYZLF                           | 2        | 30.98                     | 13.97  | 12.700           | 25.40            |                                           | NO TOOL |
| 95678-X03YZ<br>95678-X03YZLF<br>95678-X03NYZLF                           | 3        | 44.95                     | 27.94  | 19.685           | 39.37            |                                           | NO TOOL |
| 95678-X04YZ<br>95678-X04YZLF<br>95678-X04NYZLF                           | 4        | 58.92                     | 41.91  | 26.670           | 53.34            |                                           |         |
| 95678-X05YZ<br>95678-X05YZLF<br>95678-X05NYZLF                           | 5        | 72.89                     | 55.88  | 33.655           | 67.31            |                                           | NO TOOL |
| 95678-X06YZ<br>95678-X06YZLF<br>95678-X06NYZLF                           | 6        | 86.86                     | 69.85  | 40.640           | 81.28            |                                           | NO TOOL |
| 95678-X07YZ<br>95678-X07YZLF<br>95678-X07NYZLF                           | 7        | 100.83                    | 83.82  | 47.625           | 95.25            |                                           | NO TOOL |
| 95678-X08YZ<br>95678-X08YZLF<br>95678-X08NYZLF                           | 8        | 114.80                    | 97.79  | 54.610           | 109.22           |                                           |         |
| 95678-X09YZ<br>95678-X09YZLF<br>95678-X09NYZLF                           | 9        | 128.77                    | 111.76 | 61.595           | 123.19           |                                           | NO TOOL |
| 95678-X10YZ<br>95678-X10YZLF<br>95678-X10NYZLF                           | 10       | 142.74                    | 125.73 | 68.580           | 137.16           |                                           | NO TOOL |
| 95678-X11YZ<br>95678-X11YZLF<br>95678-X11NYZLF                           | 11       | 156.71                    | 139.70 | 75.565           | 151.13           |                                           | NO TOOL |
| 95678-X12YZ<br>95678-X12YZLF<br>95678-X12NYZLF                           | 12       | 170.68                    | 153.67 | 82.550           | 165.10           |                                           | NO TOOL |

## FRONT SHIELD CODE Y

0 = STANDARD GRND. TABS  
1 = NO GRND. TABS

## REAR SHIELD CODE Z

0 = STANDARD GRND. LEGS  
1 = 1 GRND. LEG  
2 = ALL GRND. LEGS  
3 = NO GRND. LEGS

| PLATING CODE X | PLATING                             |
|----------------|-------------------------------------|
| 0              | 5u" Au + high performance lubricant |
| 1              | 15u" GOLD.                          |
| 3              | 5u" Au + high performance lubricant |
| 5              | 50u" GXT.                           |

NOTE: PLEASE CHECK FOR AVAILABILITY, NOT ALL OPTIONS AVAILABLE.

## NOTES:

1. RECOMMENDED P.C.B THICKNESS 1.60 MM.
2. HOUSING MAT'L: HIGH TEMP RESIN.
3. CONTACTS: PHOS BRONZE ALLOY UNS-C51000,  $\phi$  0.460 ROUND WIRE, PLATING SEE TABLE.
- ④. SHIELD MAT'L: BRASS ALLOY, 0.25 MM THICK.  
SHIELD PLATING:  
-FOR 95678-X01 THRU 95678-X12YZ  
BRIGHT TIN LEAD, 100u"MIN OVER NICKEL.  
LEAD FREE OPTION:  
-FOR 95678-X01NLF THRU 95678-X12NYZLF  
NICKEL, 30u"MIN WITH SELECTIVE TIN  
ON SOLDER TAILS. SEE DETAIL E.  
-FOR 95678-X01LF THRU 95678-X12YZLF  
BRIGHT PURE TIN, 80u"MIN OVER NICKEL.
- ⑤. SEE SIDE VIEW ON SHT. 1 FOR DETAILS.
6. ALL DIMENSIONS IN MILLIMETER.
- ⑦. COMPANY LOGO LOCATED IN THIS AREA.
8. PART NUMBERS WITH LF IN THE END ARE LEAD FREE.
9. LEAD FREE STATEMENT: THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AN OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
10. THE HOUSING TEMPERATURE WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5 MM MINIMUM THICK CIRCUIT BOARD. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
- ⑩. EQUIVALENT THICKNESS Au AND GXT PLATING HAVE SAME FUNCTION AND THEY ARE ALTERNATIVE BY THE CUSTOEMR .
12. PRODUCT SPECIFICATION GS-12-083  
PRODUCT PACKAGING SPECIFICATION GS-14-361

|                     |                       |                                       |                |                            |
|---------------------|-----------------------|---------------------------------------|----------------|----------------------------|
| mat'l. code         | surface<br>ISO 1301 ✓ | tolerance<br>ISO 406 ISO 1101         | projection<br> | product family<br>MOD JACK |
| l t r e c n n o d r | date                  | tolerances unless otherwise specified |                | title                      |
| R                   |                       | angle<br>$0^\circ \pm 2'$             | MM             | R/A CAT5 GANG JACK ASSY    |
|                     |                       | 0.x $\pm$ 0.3                         | scale 1.0      | 8 POS SHIELDED SNAP PEG    |
|                     |                       | 0.xx $\pm$ 0.13                       |                |                            |
|                     |                       | 0.xxx $\pm$ 0.051                     |                |                            |
|                     | dr                    | L.POTTIEGER                           | 8/30/95        | dwg no                     |
|                     | eng                   | Y.BELOPOLSKY                          | 8/30/95        | sheet 2 of 7               |
|                     | chr                   | Y.BELOPOLSKY                          | 8/30/95        | size                       |
|                     | app                   | Y.BELOPOLSKY                          | 8/30/95        | A4                         |
| sheet               | revision              |                                       |                | type                       |
| index               | sheet                 |                                       |                | Product Customer Drawing   |



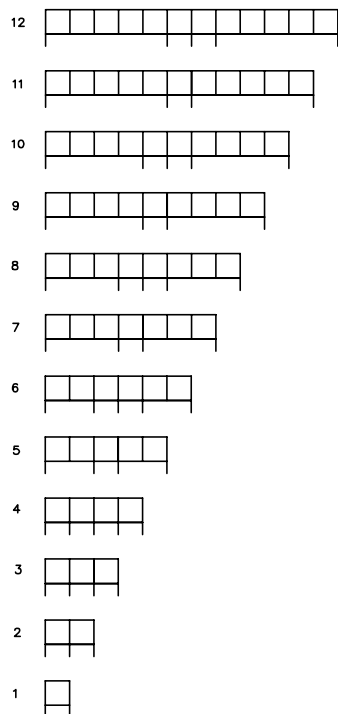
REAR SHIELD (VIEWED FROM PLUG ENTRY SIDE)  
GROUND SOLDER TAIL CONFIGURATION

CODE "Z" = 0

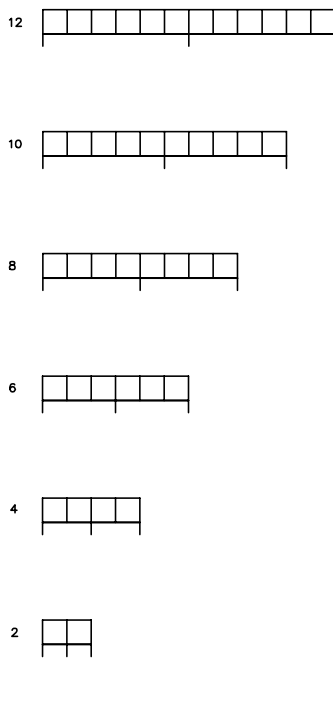
CODE "Z" = 1

CODE "Z" = 2

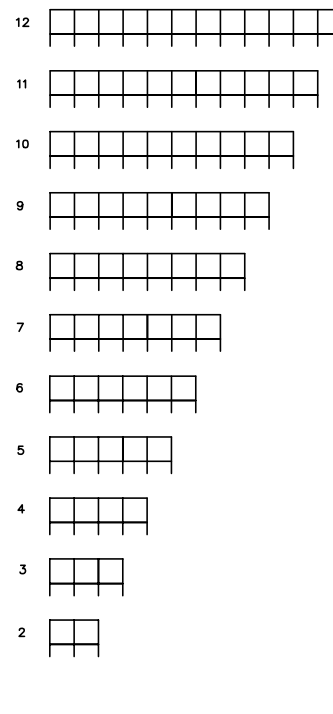
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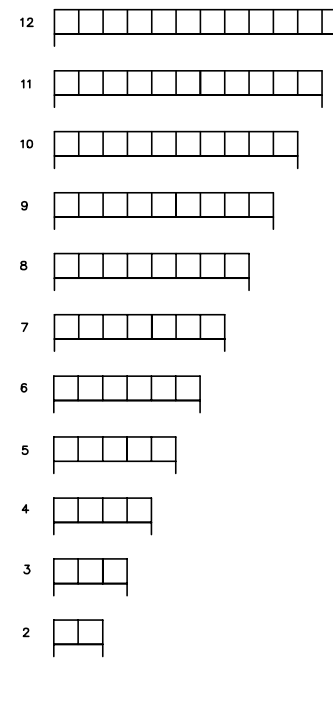
PCB LAYOUT SHEET 4



PCB LAYOUT SHEET 5

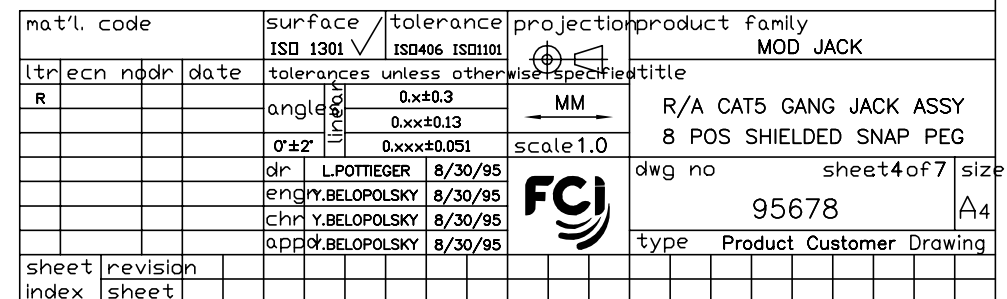


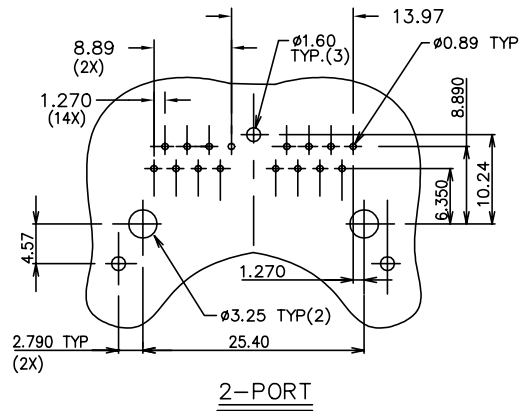
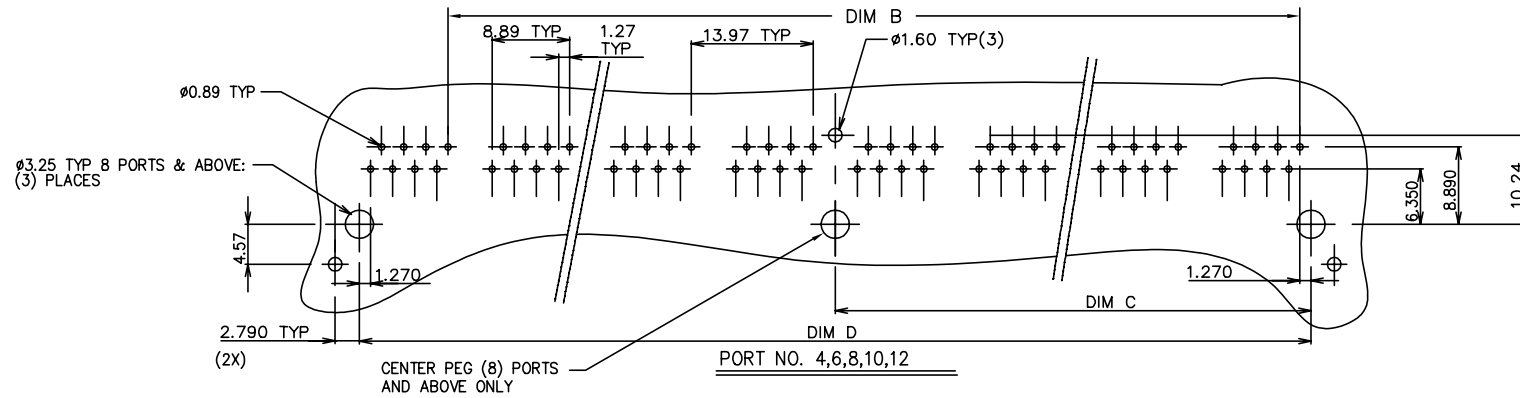
PCB LAYOUT SHEET 6



PCB LAYOUT SHEET 7

|             |              |                                       |             |            |                          |
|-------------|--------------|---------------------------------------|-------------|------------|--------------------------|
| mat'l. code |              | surface                               | tolerance   | projection | product family           |
| ISO 1301    |              | ISO 406                               | ISO 1101    |            | MOD JACK                 |
| l           | tr           | ec                                    | n           | o          | d                        |
| date        |              | tolerances unless otherwise specified |             | title      |                          |
| R           |              | angle                                 | 0.x±0.3     | MM         | R/A CAT5 GANG JACK ASSY  |
|             |              | 0°±2'                                 | 0.xx±0.13   | scale 1.0  | 8 POS SHIELDED SNAP PEG  |
|             |              |                                       | 0.xxx±0.051 |            |                          |
| dr          | L.POTTIEGER  | 8/30/95                               |             |            | dwg no                   |
| eng         | Y.BELOPOLSKY | 8/30/95                               |             |            | sheet 3 of 7             |
| chr         | Y.BELOPOLSKY | 8/30/95                               |             |            | size                     |
| app         | Y.BELOPOLSKY | 8/30/95                               |             |            | A4                       |
| sheet       | revision     |                                       |             |            | type                     |
| index       | sheet        |                                       |             |            | Product Customer Drawing |

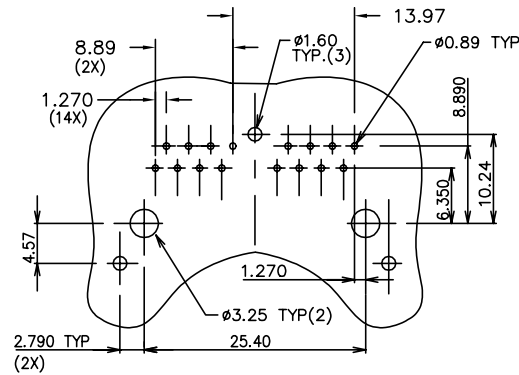
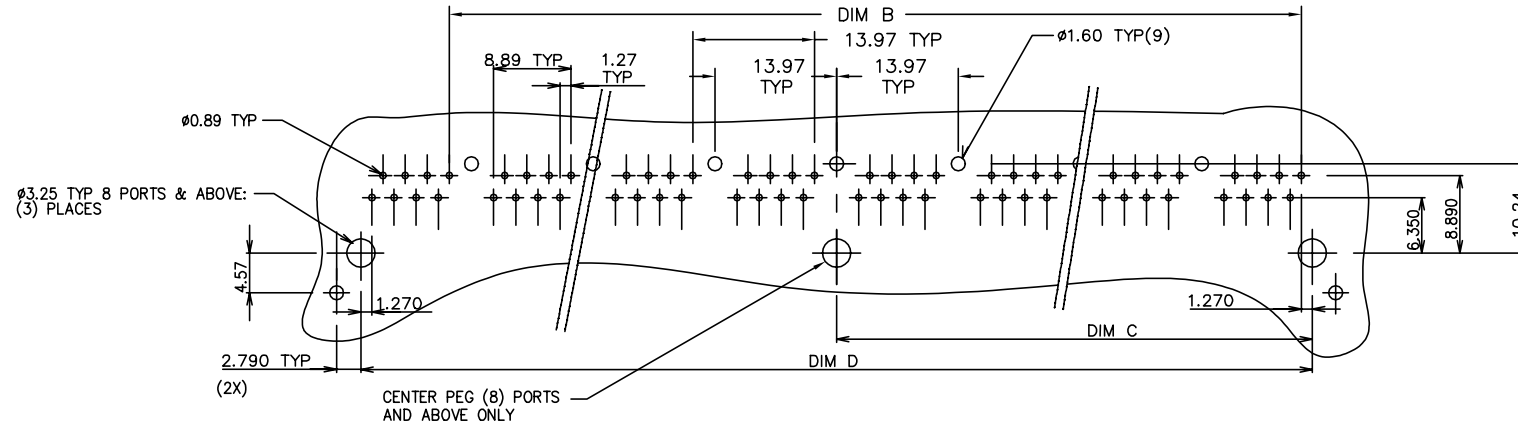




## RECOMMENDED P.C.B LAYOUT

CODE "Z" = 1 (1 GROUND LEG)

|               |              |                                       |            |                          |
|---------------|--------------|---------------------------------------|------------|--------------------------|
| mat'l. code   | surface      | tolerance                             | projection | product family           |
| ISO 1301      | ISO 406      | ISO 1101                              | MM         | MOD JACK                 |
| l tr ecn nodr | date         | tolerances unless otherwise specified | title      |                          |
| R             |              | 0.x±0.3                               | MM         | R/A CAT5 GANG JACK ASSY  |
|               |              | 0.xx±0.13                             | scale 1.0  | 8 POS SHIELDED SNAP PEG  |
|               |              | 0.xxx±0.051                           |            |                          |
| dr            | L.POTTIEGER  | 8/30/95                               |            | dwg no                   |
| eng           | Y.BELOPOLSKY | 8/30/95                               |            | sheet 5 of 7             |
| chr           | Y.BELOPOLSKY | 8/30/95                               |            | size                     |
| app           | Y.BELOPOLSKY | 8/30/95                               |            | A4                       |
| sheet         | revision     |                                       |            | type                     |
| index         | sheet        |                                       |            | Product Customer Drawing |

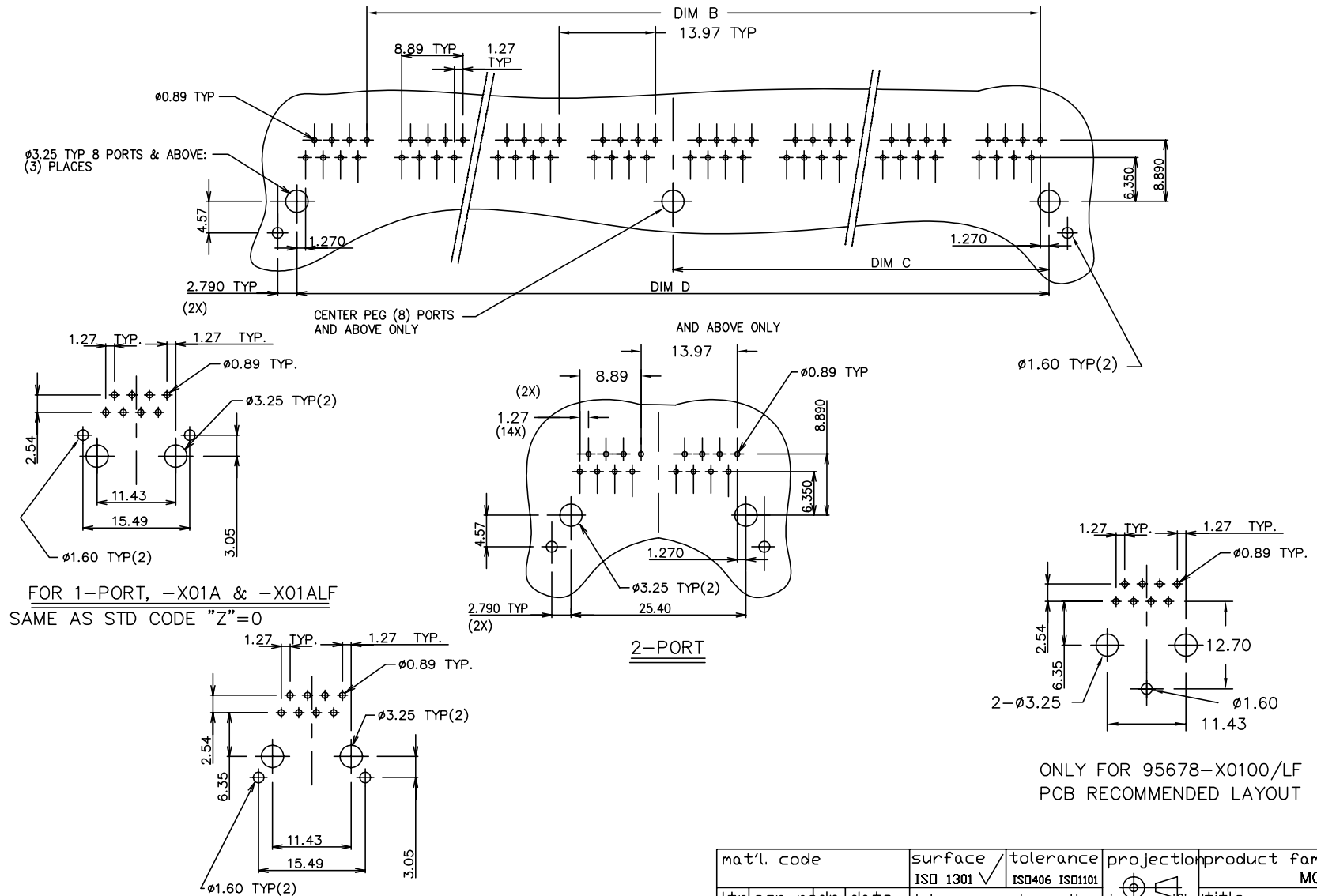
2-PORT

(SAME AS STANDARD CODE "Z"=0)

RECOMMENDED P.C.B LAYOUT

CODE "Z" = 2 (ALL GROUND LEGS)

|               |              |                                       |            |                          |
|---------------|--------------|---------------------------------------|------------|--------------------------|
| mat'l. code   | surface      | tolerance                             | projection | product family           |
|               | ISO 1301     | ISO 406 ISO 1101                      |            | MOD JACK                 |
| l tr ecn nodr | date         | tolerances unless otherwise specified |            |                          |
| R             |              | 0.x±0.3                               | MM         | R/A CAT5 GANG JACK ASSY  |
|               |              | 0.xx±0.13                             |            | 8 POS SHIELDED SNAP PEG  |
|               |              | 0.xxx±0.051                           | scale 1.0  |                          |
| dr            | L.POTTIEGER  | 8/30/95                               |            | dwg no                   |
| eng           | Y.BELOPOLSKY | 8/30/95                               |            | sheet 6 of 7             |
| chr           | Y.BELOPOLSKY | 8/30/95                               |            | size                     |
| app           | Y.BELOPOLSKY | 8/30/95                               |            | A4                       |
| sheet         | revision     |                                       |            | type                     |
| index         | sheet        |                                       |            | Product Customer Drawing |



|             |              |                                       |            |                          |
|-------------|--------------|---------------------------------------|------------|--------------------------|
| mat'l. code | surface      | tolerance                             | projection | product family           |
| ISO 1301    | ISO 406      | ISO 1101                              | MM         | MOD JACK                 |
| l'tecn nodr | date         | tolerances unless otherwise specified | scale      | title                    |
| R           |              | 0.xx±0.3                              | 1.0        | R/A CAT5 GANG JACK ASSY  |
|             |              | 0.xx±0.13                             |            | 8 POS SHIELDED SNAP PEG  |
|             |              | 0.xxx±0.051                           |            |                          |
| dr          | L.POTTIEGER  | 8/30/95                               |            | dwg no                   |
| eng         | Y.BELOPOLSKY | 8/30/95                               |            | sheet 7 of 7             |
| chr         | Y.BELOPOLSKY | 8/30/95                               |            | size                     |
| app         | Y.BELOPOLSKY | 8/30/95                               |            | A4                       |
| sheet       | revision     |                                       |            | type                     |
| index       | sheet        |                                       |            | Product Customer Drawing |