

A

B

C

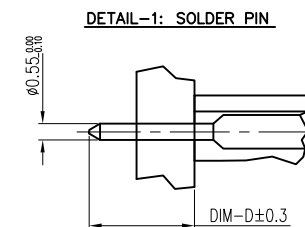
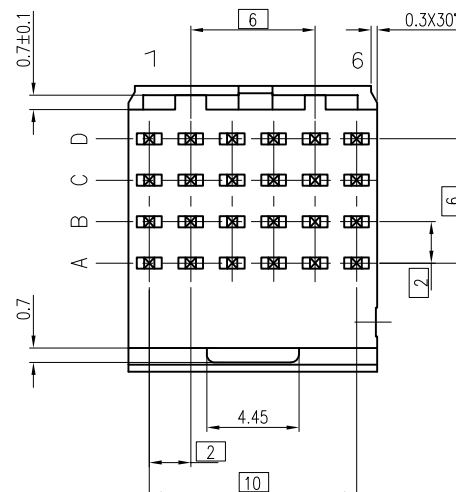
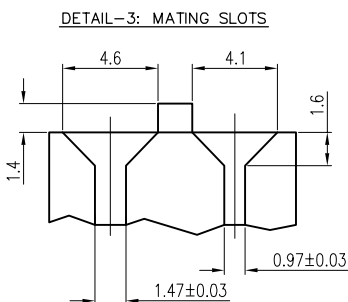
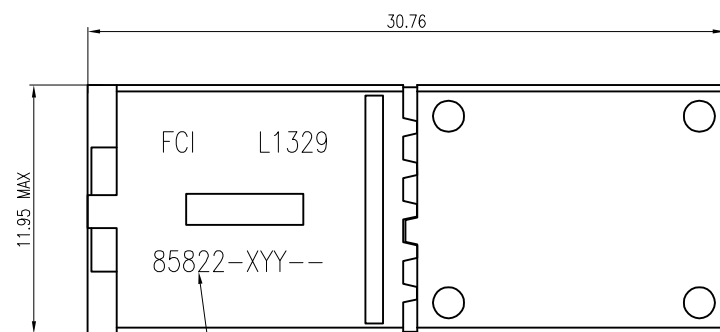
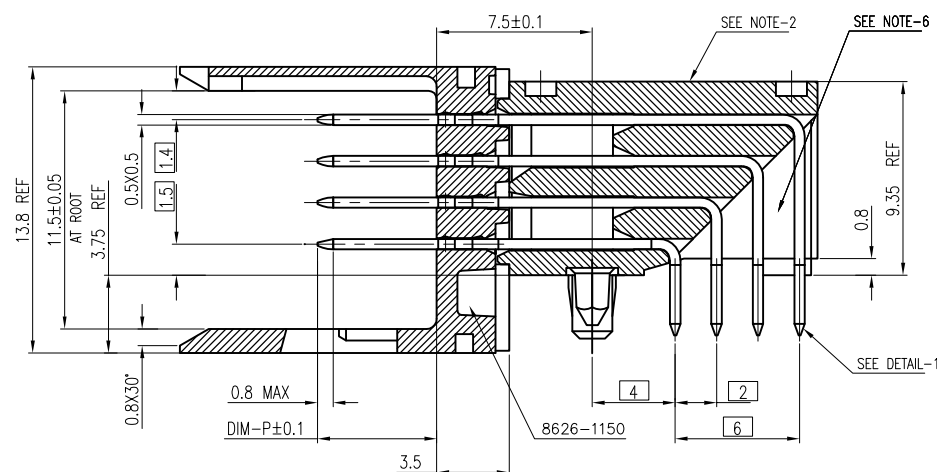
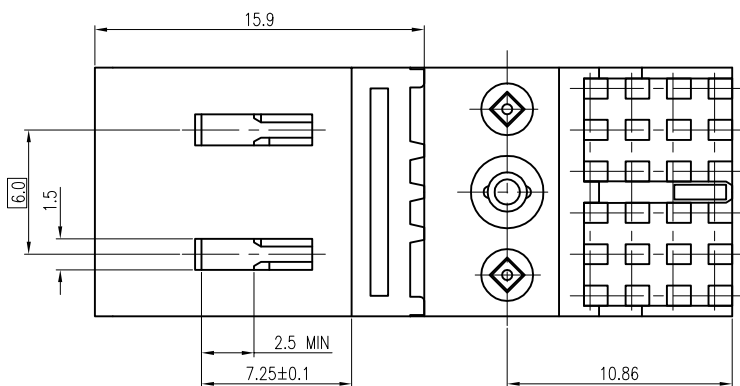
D

A

1

C

D



- NOTE-1: GENERAL CHARACTERISTICS ACCORDING TO GS-12-446
- NOTE-2: ONE CENTER PEG FOR HOLD DOWN FORCE
- NOTE-4: PRODUCT MARKING = PRODUCT NUMBER + FCI+DATE CODE
- NOTE-5: PLATING ON MATING PART : SEE Prod Spec GS-12-446
- NOTE-6: CENTRAL WALL WITH END REAR SUPPORT
- NOTE-7: STANDARD PACKAGING IS TUBE ,BUT IF SUFFIX "P" IS ADDED  
IN P/N,PACKAGING IS IN TRAYS,MARKING IS WITHOUT "P"  
Example: 85822-1xxPLF ,marking 85822-1xxLF
- NOTE-8: FOR LEAD FREE PART NUMBER ,ADD "LF" AT THE END  
OF REFERENCE (85822-101LF)

| PART NUMBER   | PERFORMANCE LEVEL                      |
|---------------|----------------------------------------|
| 85822-1YY(LF) | STANDARD P/N, See Prod. Spec GS-12-446 |
| 85822-3YY(LF) | CUSTOMER SPECIAL , Specific Plating    |

| rev | ecn no                 | dr  | date       |
|-----|------------------------|-----|------------|
| T   | <del>EX-06-19619</del> | MIC | 2014/12/03 |
| S   | DG09-0067              | LUC | 2009/03/03 |
| K   | LS05-0056              | MLE | 2005/04/20 |
| L   | LS06-0039              | MLE | 2006/03/14 |
| M   | LS06-0114              | LGO | 2006/08/11 |
| N   | LS07-0003              | LGO | 2007/01/04 |
| P   | LS07-0134              | MLE | 2007/05/14 |

|                                                                                       |              |            |                                                                          |        |                                   |                        |                                                                                                     |                  |                                                                                                               |  |
|---------------------------------------------------------------------------------------|--------------|------------|--------------------------------------------------------------------------|--------|-----------------------------------|------------------------|-----------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |              |            | surface<br>ISO 1302 ✓                                                    |        | tolerance std<br>ISO 406 ISO 1101 |                        | projection<br> |                  | European views<br>mm<br> |  |
|                                                                                       |              |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                                    |        |                                   |                        |                                                                                                     |                  |                                                                                                               |  |
| Dr                                                                                    |              |            | ANGULAR                                                                  | LINEAR | 0.X                               | ± 0.1                  | size<br>A3                                                                                          | Scale<br>4:1     |                                                                                                               |  |
| Eng                                                                                   | MICHAEL SONG | 2014/12/03 |                                                                          |        | 0.XX                              | ± 0.1                  |                                                                                                     |                  |                                                                                                               |  |
| Chr                                                                                   | ZHENG LUO    | 2014/12/03 | 0.XX ± 2                                                                 |        | 0.XXX                             | ± 0.1                  |                                                                                                     | ECN ELX-DG-19619 |                                                                                                               |  |
| Appr                                                                                  | COLLINS LU   | 2014/12/03 | Product family                                                           |        |                                   | METRAL                 |                                                                                                     | Spec ref -       |                                                                                                               |  |
|  |              |            | <b>METRAL RA HDR STB CONVERG</b><br><b>NB 4x6 -1MODULE- FMLB LOADING</b> |        |                                   | dwg no<br><b>85822</b> |                                                                                                     | Rev<br>T         |                                                                                                               |  |
| catalog no                                                                            |              |            | -                                                                        |        |                                   | CUSTOMER               |                                                                                                     | sheet 1 of 2     |                                                                                                               |  |

1

2

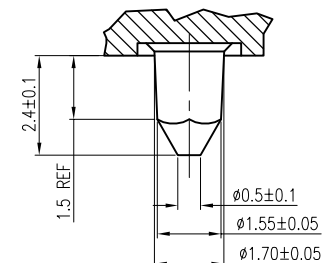
3

4

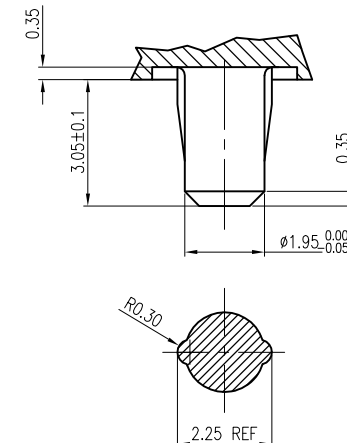
## PART NUMBER / CONTACT LOADING

| DIM-P $\pm 0.10$ |       |       |       | DIM-D<br>$\pm 0.30$ | TIN LEAD<br>PART NUMBER | LEAD FREE<br>PART NUMBER |
|------------------|-------|-------|-------|---------------------|-------------------------|--------------------------|
| ROW-A            | ROW-B | ROW-C | ROW-D |                     |                         |                          |
| 5.00             | 5.00  | 5.00  | 5.00  | 2.90                | 85822-X01               | 85822-X01LF              |
| 5.00             | 5.75  | 5.00  | 5.00  | 2.90                | 85822-X02               | 85822-X02LF              |
| 5.00             | 5.75  | 6.50  | 5.00  | 2.90                | 85822-X03               | 85822-X03LF              |
| 5.00             | 5.00  | 6.50  | 5.00  | 2.90                | 85822-X04               | 85822-X04LF              |
| 5.75             | 5.75  | 5.75  | 5.75  | 2.90                | 85822-X05               | 85822-X05LF              |
| 6.50             | 5.75  | 5.00  | 5.75  | 2.90                | 85822-X06               | 85822-X06LF              |
| 6.50             | 6.50  | 6.50  | 5.75  | 2.90                | 85822-X07               | 85822-X07LF              |
| 6.50             | 5.75  | 6.50  | 5.75  | 2.90                | 85822-X08               | 85822-X08LF              |
| 6.50             | 5.00  | 5.00  | 5.00  | 2.90                | 85822-X09               | 85822-X09LF              |
| 5.75             | 5.75  | 5.75  | 5.75  | 3.70                | 85822-X10               | 85822-X10LF              |

## DETAIL OF LOCATING PEGS (2x) SCALE 8/1

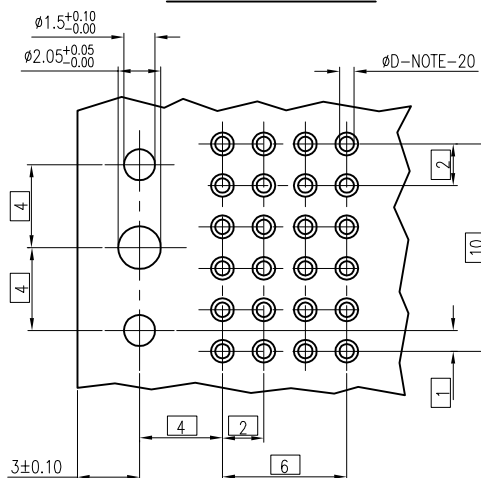


## DETAIL OF CENTRAL PEG SCALE 8/1



| METRAL<br>P/N | ROW | DIM P $\pm 0.1$<br>MOD. 1 |     |     |      |     |     | DIM D<br>$\pm 0.3$ |
|---------------|-----|---------------------------|-----|-----|------|-----|-----|--------------------|
|               |     | 1                         | 2   | 3   | 4    | 5   | 6   |                    |
| 85822-X11LF   | D   | 5.0                       | 5.0 | 5.0 | 6.50 | 5.0 | 5.0 | 2.90               |
|               | C   | 5.0                       | 5.0 | 5.0 | 6.50 | 5.0 | 5.0 |                    |
| 85822-X11     | B   | 5.0                       | 5.0 | 5.0 | 5.0  | 5.0 | 5.0 | 2.90               |
|               | A   | 5.0                       | 5.0 | 5.0 | 5.0  | 5.0 | 5.0 |                    |
| 85822-X12LF   | D   | 5.0                       | —   | 5.0 | 5.0  | 5.0 | 5.0 | 2.90               |
|               | C   | 5.0                       | —   | 5.0 | 5.0  | 5.0 | 5.0 |                    |
| 85822-X12     | B   | —                         | 5.0 | 5.0 | 5.0  | 5.0 | 5.0 | 2.90               |
|               | A   | 5.0                       | 5.0 | 6.5 | 6.5  | 5.0 | 5.0 |                    |

## RECOMMENDED PCB LAYOUT



NOTE-20: FINISH HOLE DIAMETER  
See Prod Spec GS-12-446

OTHERS INFORMATIONS,SEE DRW 85822-1

European Views

|                                                                                       |              |                                                                  |                     |        |                                   |                 |                                                                                                     |                                |                                                                                             |  |
|---------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------|---------------------|--------|-----------------------------------|-----------------|-----------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------|--|
| www.fciconnect.com                                                                    |              |                                                                  | surface<br>ISO 1302 |        | tolerance std<br>ISO 406 ISO 1101 |                 | projection<br> |                                | mm<br> |  |
|                                                                                       |              |                                                                  | TOLERANCES UNLESS   |        | OTHERWISE SPECIFIED               |                 |                                                                                                     |                                |                                                                                             |  |
| Dr                                                                                    |              |                                                                  | ANGULAR             | LINEAR | 0.X                               | ±0.1            | size                                                                                                | A3                             | Scale<br>4:1                                                                                |  |
| Eng                                                                                   | MICHAEL SONG | 2014/12/03                                                       |                     |        | 0.XX                              | ±0.1            |                                                                                                     |                                |                                                                                             |  |
| Chr                                                                                   | ZHENG LUO    | 2014/12/03                                                       | 0.XX ±2             |        | 0.XXX                             | ±0.1            |                                                                                                     |                                |                                                                                             |  |
| Appr                                                                                  | COLLINS LU   | 2014/12/03                                                       | Product family      |        |                                   | METRAL          |                                                                                                     | ECN ELX-DG-19619<br>Spec ref - |                                                                                             |  |
|  |              | title<br>METRAL RA HDR STB CONVERG<br>4x6 -1MODULE -FMLB LOADING |                     |        |                                   | dwg no<br>85822 |                                                                                                     | Rev.<br>T                      |                                                                                             |  |
|                                                                                       |              | catalog no<br>-                                                  |                     |        |                                   | CUSTOMER        |                                                                                                     | sheet 2 of 2                   |                                                                                             |  |