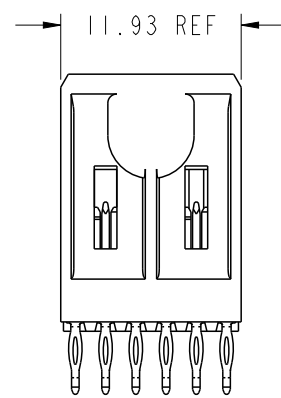
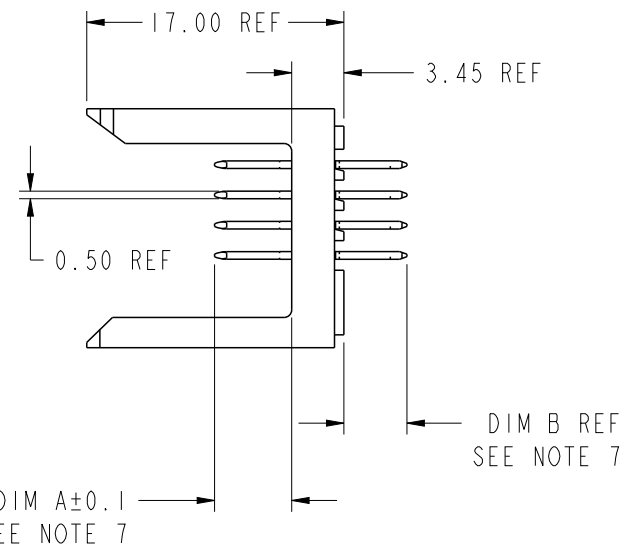
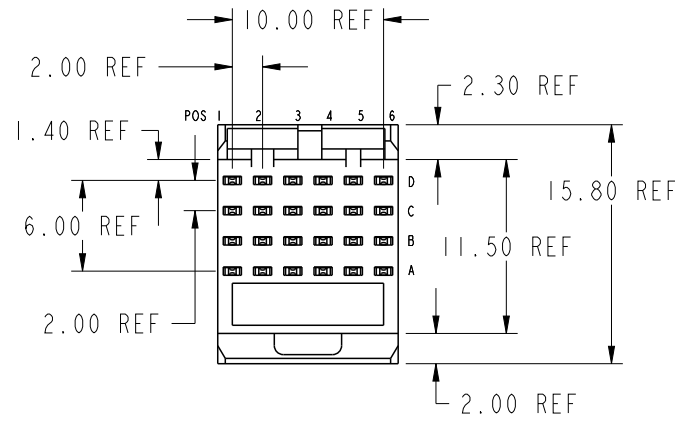


PRODUCT NUMBER  
88921-XYX(L)LF

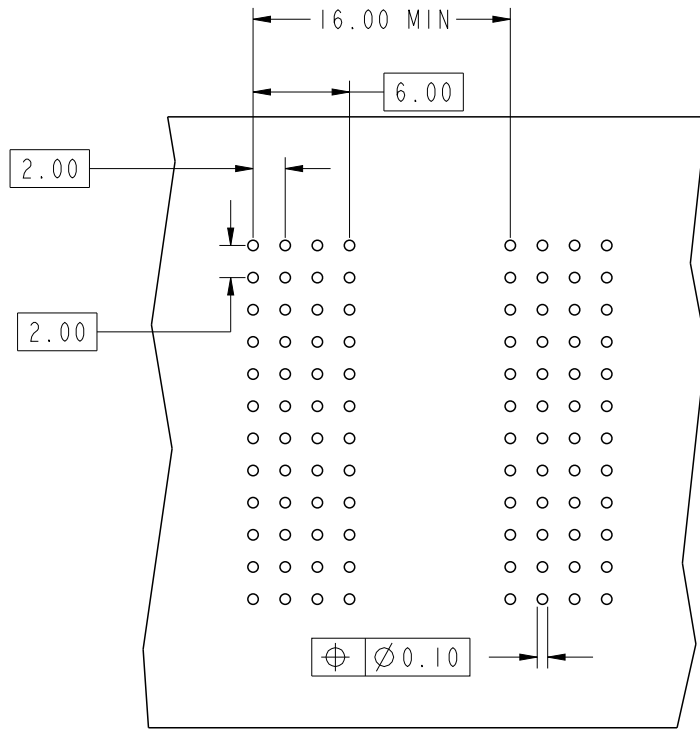
L REFER LUBRICATD (OPTIONAL)  $\triangle$   
SEE NOTE 3

X REFER PLATING PERFORMANCE  $\triangle$   
SEE NOTE 3



|                     |                                       |   |                |            |                |        |           |               |        |                        |              |
|---------------------|---------------------------------------|---|----------------|------------|----------------|--------|-----------|---------------|--------|------------------------|--------------|
| spec ref            | *                                     | dr  | Terran Huang   | 2010/07/09 | projection<br> | MM<br> | size      | A4            | scale  | 53:50                  |              |
| tolerance std       | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng   | Rahul Mohan-M  | 2021/06/17 |                |        | ecn no    | ELX-I-41240-1 |        |                        |              |
| ISO 406<br>ISO 1101 |                                       | chr   | -              | -          |                |        | rel level | Released      |        |                        |              |
| surface             | 3.200                                 | appr  | Kuriakose, San | 2021/08/13 | product family | METRAL |           |               |        |                        |              |
| ISO 1302            | linear                                | <br><b>Amphenol FCI</b><br>METRAL SIGNAL HEADER<br>1 MOD, 4 ROW PRESS-FIT<br>amphenol-icc.com |                |            | dwg no         | 88921  |           | rev           | AR     |                        |              |
|                     | angular                               |   |                |            | 0°             | ±2°    | cat. no.  | -             |        | Product - Customer Drw | sheet 1 of 6 |
|                     | 0.X                                   |   |                |            | ±0.3           | 0.XX   | ±0.13     | 0.XXX         | ±0.050 |                        |              |

Creo F-119-ELX-MC-AAC\_REV F\_2020-12-21



REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE

SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 1    | 5.00            | 4.30            |
| 2    | 5.75            | 4.30            |
| 3    | 6.50            | 4.30            |
| 4    | 7.25            | 4.30            |
| 5    | 5.00            | 13.60           |
| 6    | 5.75            | 13.60           |
| 7    | 6.50            | 13.60           |
| 8    | 7.25            | 13.60           |
| 9    | 5.00            | 17.00           |
| 10   | 5.75            | 17.00           |
| 11   | 6.50            | 17.00           |
| 12   | 7.25            | 17.00           |
| 13   | 8.25            | 4.30            |
| 14   | 8.25            | 13.60           |
| 15   | 8.25            | 17.00           |
| 16   | 7.00            | 4.30            |
| 17   | 7.00            | 13.60           |
| 18   | 7.00            | 17.00           |
| 19   | 8.00            | 4.30            |
| 20   | 8.00            | 13.60           |
| 21   | 8.00            | 17.00           |
| 22   | 5.00            | 12.10           |
| 25   | 5.75            | 15.60           |

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 40   | 5.00            | 15.60           |
| 41   | 6.50            | 15.60           |
| 42   | 7.25            | 15.60           |
| 43   | 8.00            | 15.60           |
| 44   | 5.75            | 12.10           |
| 45   | 6.50            | 12.10           |
| 59   | 5.00            | 11.80           |
| 60   | 5.75            | 11.80           |
| 61   | 6.50            | 11.80           |
| 62   | 7.25            | 11.80           |
| 63   | 8.00            | 11.80           |

|               |                                       |                 |                |            |                |        |                      |               |          |         |       |  |     |  |      |       |          |  |   |  |                        |  |              |  |
|---------------|---------------------------------------|-----------------|----------------|------------|----------------|--------|----------------------|---------------|----------|---------|-------|--|-----|--|------|-------|----------|--|---|--|------------------------|--|--------------|--|
| spec ref      | *                                     | dr              | Terran Huang   | 2010/07/09 | projection     | MM     | size                 | A4            | scale    | 213:100 |       |  |     |  |      |       |          |  |   |  |                        |  |              |  |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng             | Rahul Mohan-M  | 2021/06/17 |                |        | ecn no               | ELX-I-41240-1 |          |         |       |  |     |  |      |       |          |  |   |  |                        |  |              |  |
| ISO 406       |                                       | chr             | -              | -          |                |        |                      | rel level     | Released |         |       |  |     |  |      |       |          |  |   |  |                        |  |              |  |
| ISO 1101      |                                       | appr            | Kuriakose, San | 2021/08/13 | product family | METRAL |                      |               |          |         |       |  |     |  |      |       |          |  |   |  |                        |  |              |  |
| surface       | 3.200                                 | Amphenol<br>FCi |                |            | title          |        | METRAL SIGNAL HEADER |               | dwg no   |         | 88921 |  | rev |  |      |       |          |  |   |  |                        |  |              |  |
| ISO 1302      | linear                                |                 |                |            |                |        |                      |               |          |         |       |  |     |  | 0.X  | ±0.3  | cat. no. |  | - |  | Product - Customer Drw |  | sheet 2 of 6 |  |
|               |                                       |                 |                |            |                |        |                      |               |          |         |       |  |     |  | 0.XX | ±0.13 |          |  |   |  |                        |  |              |  |
|               | 0.XXX                                 | ±0.050          |                |            |                |        |                      |               |          |         |       |  |     |  |      |       |          |  |   |  |                        |  |              |  |
|               | angular                               | 0°              | ±2°            |            |                |        |                      |               |          |         |       |  |     |  |      |       |          |  |   |  |                        |  |              |  |

|             |     |                     |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
| 88921-X01LF | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|             | D   | -                   | 2 | - | 2 | - | 2 |
|             | C   | -                   | 2 | - | 2 | - | 2 |
|             | B   | -                   | 2 | - | 2 | - | 2 |
| A           | -   | 2                   | - | 2 | - | 2 |   |

|             |     |                     |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|
| 88921-X06LF | ROW | CONTACT CODE MOD. I |   |   |   |   |
|             | D   | 14                  | 6 | 6 | 6 | 6 |
|             | C   | 14                  | 6 | 6 | 6 | 6 |
|             | B   | 14                  | 6 | 6 | 6 | 6 |
| A           | 14  | 6                   | 6 | 6 | 6 |   |

|             |     |                     |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|
| 88921-X11LF | ROW | CONTACT CODE MOD. I |    |    |    |    |
|             | D   | 13                  | 16 | 16 | 16 | 13 |
|             | C   | 13                  | 16 | 16 | 16 | 13 |
|             | B   | 13                  | 16 | 16 | 16 | 13 |
| A           | 13  | 16                  | 16 | 16 | 13 |    |

|             |     |                     |    |    |    |   |
|-------------|-----|---------------------|----|----|----|---|
| 88921-X16LF | ROW | CONTACT CODE MOD. I |    |    |    |   |
|             | D   | 13                  | 13 | 13 | 13 | - |
|             | C   | 13                  | 13 | 13 | 13 | - |
|             | B   | 13                  | 13 | 13 | 13 | - |
| A           | 13  | 13                  | 13 | 13 | -  |   |

|             |     |                     |   |    |    |    |
|-------------|-----|---------------------|---|----|----|----|
| 88921-X21LF | ROW | CONTACT CODE MOD. I |   |    |    |    |
|             | D   | 4                   | 4 | 4  | 19 | 19 |
|             | C   | 4                   | 4 | 4  | 19 | 19 |
|             | B   | 4                   | 4 | 4  | 19 | 19 |
| A           | 4   | 4                   | 4 | 19 | 19 |    |

|                        |                     |      |                |              |                        |              |        |               |           |                      |          |   |
|------------------------|---------------------|------|----------------|--------------|------------------------|--------------|--------|---------------|-----------|----------------------|----------|---|
| spec ref               | *                   | dr   | Terran Huang   | 2010/07/09   | projection             |              | size   | A4            | scale     | 53:50                |          |   |
| tolerance std          | ISO 406<br>ISO 1101 | eng  | Rahul Mohan-M  | 2021/06/17   | chr                    | -            | ecn no | ELX-I-41240-1 | rel level | Released             |          |   |
| surface                | 3.200               | appr | Kuriakose, San | 2021/08/13   | product family         | METRAL       | dwg no | 88921         | rev       | AR                   |          |   |
| ISO 1302               | linear              | 0.X  | ±0.3           | Amphenol FCI | title                  |              |        |               |           | METRAL SIGNAL HEADER | cat. no. | - |
|                        |                     | 0.XX | ±0.13          |              | 1 MOD, 4 ROW PRESS-FIT |              |        |               |           |                      |          |   |
|                        | angular             | 0°   | ±2°            |              | amphenol-icc.com       |              |        |               |           |                      |          |   |
| Product - Customer Drw |                     |      |                |              |                        | sheet 3 of 6 |        |               |           |                      |          |   |

Creo F114:ELX-MC:ARC,REV F,2020-12-21

| METRAL P/N   | ROW | CONTACT CODE MOD. I |    |   |    |    |    | METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    | METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    | METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |             |    |    |    |    |    |    |    |
|--------------|-----|---------------------|----|---|----|----|----|-------------|-----|---------------------|----|----|----|----|----|-------------|-----|---------------------|----|----|----|----|----|-------------|-----|---------------------|----|----|----|----|----|-------------|----|----|----|----|----|----|----|
|              |     | 1                   | 2  | 3 | 4  | 5  | 6  |             |     | 1                   | 2  | 3  | 4  | 5  | 6  |             |     | 1                   | 2  | 3  | 4  | 5  | 6  |             |     | 1                   | 2  | 3  | 4  | 5  | 6  |             |    |    |    |    |    |    |    |
| 88921-X26LF  | D   | 19                  | -  | 4 | -  | 3  | -  | 88921-X31LF | D   | 3                   | 3  | 3  | 3  | 3  | 1  | 88921-X36LF | D   | -                   | 4  | -  | 4  | -  | 4  | 88921-X41LF | D   | -                   | 62 | -  | 62 | -  | 62 | 88921-X46LF | D  | -  | 8  | -  | 8  | -  | 8  |
|              | C   | 19                  | -  | 4 | -  | -  | 19 |             | C   | 3                   | 3  | 3  | 3  | 3  | 19 |             | C   | 4                   | -  | 4  | -  | 4  | -  |             | C   | 62                  | -  | 62 | -  | 62 | -  |             | C  | 8  | -  | 8  | -  | 8  | -  |
|              | B   | -                   | 19 | - | 4  | -  | 19 |             | B   | 3                   | 3  | 3  | 3  | 3  | 3  |             | B   | -                   | 4  | -  | 4  | -  | 4  |             | B   | -                   | 62 | -  | 62 | -  | 62 |             | B  | -  | 8  | -  | 8  | -  | 8  |
|              | A   | -                   | 19 | - | 4  | -  | 19 |             | A   | 3                   | 3  | 3  | 3  | 19 | 19 |             | A   | 4                   | -  | 4  | -  | 4  | -  |             | A   | 62                  | -  | 62 | -  | 62 | -  |             | A  | 8  | -  | 8  | -  | 8  | -  |
| 88921-X27LFF | D   | 2                   | 2  | 2 | 3  | 4  | 19 | 88921-X32LF | D   | 6                   | 6  | 6  | 6  | 6  | 20 | 88921-X37LF | D   | -                   | 19 | -  | 19 | -  | 19 | 88921-X42LF | D   | -                   | 63 | -  | 63 | -  | 63 | 88921-X47LF | D  | -  | 20 | -  | 20 | -  | 20 |
|              | C   | 2                   | 2  | 2 | 3  | 4  | 19 |             | C   | 6                   | 6  | 6  | 6  | 6  | 20 |             | C   | 19                  | -  | 19 | -  | 19 | -  |             | C   | 63                  | -  | 63 | -  | 63 | -  |             | C  | 20 | -  | 20 | -  | 20 | -  |
|              | B   | 2                   | 2  | 2 | 3  | 4  | 19 |             | B   | 6                   | 6  | 6  | 6  | 6  | 20 |             | B   | -                   | 19 | -  | 19 | -  | 19 |             | B   | -                   | 63 | -  | 63 | -  | 63 |             | B  | -  | 20 | -  | 20 | -  | 20 |
|              | A   | 2                   | 2  | 2 | 3  | 4  | 19 |             | A   | 6                   | 6  | 6  | 6  | 6  | 20 |             | A   | 19                  | -  | 19 | -  | 19 | -  |             | A   | 63                  | -  | 63 | -  | 63 | -  |             | A  | 20 | -  | 20 | -  | 20 | -  |
| 88921-X28LF  | D   | 2                   | 2  | 2 | 2  | 2  | 19 | 88921-X33LF | D   | 3                   | 3  | 3  | 3  | 3  | 1  | 88921-X38LF | D   | -                   | 59 | -  | 59 | -  | 59 | 88921-X43LF | D   | -                   | 5  | -  | 5  | -  | 5  | 88921-X48LF | D  | -  | 40 | -  | 40 | -  | 40 |
|              | C   | 2                   | 2  | 2 | 2  | 2  | 19 |             | C   | 3                   | 3  | 3  | 3  | 3  | C  |             | 59  | -                   | 59 | -  | 59 | -  | C  |             | 5   | -                   | 5  | -  | 5  | -  | C  |             | 40 | -  | 40 | -  | 40 | -  |    |
|              | B   | 2                   | 2  | 2 | 2  | 2  | 19 |             | B   | 3                   | 3  | 3  | 3  | 3  | B  |             | -   | 59                  | -  | 59 | -  | 59 | B  |             | -   | 5                   | -  | 5  | -  | 5  | B  |             | -  | 40 | -  | 40 | -  | 40 |    |
|              | A   | 2                   | 2  | 2 | 2  | 2  | 19 |             | A   | 19                  | 19 | 19 | 19 | 19 | A  |             | 59  | -                   | 59 | -  | 59 | -  | A  |             | 5   | -                   | 5  | -  | 5  | -  | A  |             | 40 | -  | 40 | -  | 40 | -  |    |
| 88921-X29LF  | D   | 3                   | 3  | 3 | 3  | 3  | 1  | 88921-X34LF | D   | 6                   | 6  | 6  | 6  | 6  | 6  | 88921-X39LF | D   | -                   | 60 | -  | 60 | -  | 60 | 88921-X44LF | D   | -                   | 6  | -  | 6  | -  | 6  | 88921-X49LF | D  | -  | 25 | -  | 25 | -  | 25 |
|              | C   | 3                   | 3  | 3 | 3  | 3  | 19 |             | C   | 6                   | 6  | 6  | 6  | 6  | C  |             | 60  | -                   | 60 | -  | 60 | -  | C  |             | 6   | -                   | 6  | -  | 6  | -  | C  |             | 25 | -  | 25 | -  | 25 | -  |    |
|              | B   | 3                   | 3  | 3 | 3  | 3  | 3  |             | B   | 6                   | 6  | 6  | 6  | 6  | B  |             | -   | 60                  | -  | 60 | -  | 60 | B  |             | -   | 6                   | -  | 6  | -  | 6  | B  |             | -  | 25 | -  | 25 | -  | 25 |    |
|              | A   | 3                   | 3  | 3 | 3  | 19 | 19 |             | A   | 7                   | 7  | 7  | 6  | 6  | 5  |             | A   | 60                  | -  | 60 | -  | 60 | -  |             | A   | 6                   | -  | 6  | -  | 6  | -  |             | A  | 25 | -  | 25 | -  | 25 | -  |
| 88921-X30LFF | D   | 3                   | 3  | 3 | 19 | 3  | 3  | 88921-X35LF | D   | -                   | 3  | -  | 3  | -  | 3  | 88921-X40LF | D   | -                   | 61 | -  | 61 | -  | 61 | 88921-X45LF | D   | -                   | 7  | -  | 7  | -  | 7  | 88921-X50LF | D  | -  | 41 | -  | 41 | -  | 41 |
|              | C   | 3                   | 3  | 3 | 3  | 3  | 3  |             | C   | 3                   | -  | 3  | -  | 3  | C  |             | 61  | -                   | 61 | -  | 61 | -  | C  |             | 7   | -                   | 7  | -  | 7  | -  | C  |             | 41 | -  | 41 | -  | 41 | -  |    |
|              | B   | 3                   | 3  | 3 | 3  | 3  | 3  |             | B   | -                   | 3  | -  | 3  | -  | 3  |             | B   | -                   | 61 | -  | 61 | -  | 61 |             | B   | -                   | 7  | -  | 7  | -  | 7  |             | B  | -  | 41 | -  | 41 | -  | 41 |
|              | A   | 3                   | 3  | 3 | 3  | 3  | 3  |             | A   | 3                   | -  | 3  | -  | 3  | A  |             | 61  | -                   | 61 | -  | 61 | -  | A  |             | 7   | -                   | 7  | -  | 7  | -  | A  |             | 41 | -  | 41 | -  | 41 | -  |    |

|               |  |                  |                |                      |                        |              |           |               |       |       |
|---------------|--|------------------|----------------|----------------------|------------------------|--------------|-----------|---------------|-------|-------|
| spec ref      | *                                      | dr               | Terran Huang   | 2010/07/09           | projection             |              | size      | A4            | scale | 53:50 |
| tolerance std | ISO 406<br>ISO 1101                    | eng              | Rahul Mohan-M  | 2021/06/17           |                        |              | ecn no    | ELX-I-41240-1 |       |       |
|               | TOLERANCES UNLESS OTHERWISE SPECIFIED  | chr              | -              | -                    |                        |              | rel level | Released      |       |       |
| surface       | 3.200                                  | appr             | Kuriakose, San | 2021/08/13           | product family         | METRAL       |           |               |       |       |
| linear        | 0.X ±0.3<br>0.XX ±0.13<br>0.XXX ±0.050 | Amphenol FCI     | title          | METRAL SIGNAL HEADER | dwg no                 | 88921        | rev       | AR            |       |       |
| angular       | 0° ±2°                                 | amphenol-icc.com | cat. no.       | -                    | Product - Customer Drw | sheet 4 of 6 |           |               |       |       |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|----|
|             |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X51LF | D   | -                   | 42 | -  | 42 | -  | 42 |
|             | C   | 42                  | -  | 42 | -  | 42 | -  |
|             | B   | -                   | 42 | -  | 42 | -  | 42 |
|             | A   | 42                  | -  | 42 | -  | 42 | -  |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|----|
|             |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X56LF | D   | -                   | 12 | -  | 12 | -  | 12 |
|             | C   | 12                  | -  | 12 | -  | 12 | -  |
|             | B   | -                   | 12 | -  | 12 | -  | 12 |
|             | A   | 12                  | -  | 12 | -  | 12 | -  |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X61LF | D   | 7                   | 6 | 6 | 5 | 6 | 6 |
|             | C   | 7                   | 6 | 5 | 5 | 7 | 6 |
|             | B   | 7                   | 6 | 6 | 6 | 6 | 6 |
|             | A   | 7                   | 6 | 6 | 6 | 6 | 6 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X66LF | D   | -                   | 2 | - | 2 | - | 2 |
|             | C   | 2                   | - | 2 | - | 2 | - |
|             | B   | -                   | 2 | - | 2 | - | 2 |
|             | A   | 2                   | - | 2 | - | 2 | - |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|----|
|             |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X52LF | D   | -                   | 43 | -  | 43 | -  | 43 |
|             | C   | 43                  | -  | 43 | -  | 43 | -  |
|             | B   | -                   | 43 | -  | 43 | -  | 43 |
|             | A   | 43                  | -  | 43 | -  | 43 | -  |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|----|
|             |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X57LF | D   | -                   | 21 | -  | 21 | -  | 21 |
|             | C   | 21                  | -  | 21 | -  | 21 | -  |
|             | B   | -                   | 21 | -  | 21 | -  | 21 |
|             | A   | 21                  | -  | 21 | -  | 21 | -  |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |   |   |    |    |
|-------------|-----|---------------------|----|---|---|----|----|
|             |     | 1                   | 2  | 3 | 4 | 5  | 6  |
| 88921-X62LF | D   | 19                  | -  | 4 | - | 3  | 19 |
|             | C   | 19                  | -  | 4 | - | 19 | -  |
|             | B   | -                   | 19 | - | 4 | -  | 19 |
|             | A   | -                   | 19 | - | 4 | -  | 19 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X67LF | D   | 2                   | 7 | 6 | 7 | - | 1 |
|             | C   | 2                   | 7 | 6 | 7 | - | 1 |
|             | B   | -                   | - | 7 | 7 | - | - |
|             | A   | 2                   | - | 7 | 7 | - | 1 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X53LF | D   | -                   | 9 | - | 9 | - | 9 |
|             | C   | 9                   | - | 9 | - | 9 | - |
|             | B   | -                   | 9 | - | 9 | - | 9 |
|             | A   | 9                   | - | 9 | - | 9 | - |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X58LF | D   | 20                  | 6 | 7 | 7 | 7 | 7 |
|             | C   | 20                  | 7 | 7 | 7 | 7 | 7 |
|             | B   | 20                  | 7 | 7 | 7 | 7 | 7 |
|             | A   | 20                  | 7 | 5 | 7 | 7 | 7 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|----|
|             |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X63LF | D   | 11                  | -  | 11 | -  | 11 | -  |
|             | C   | -                   | 11 | -  | 11 | -  | 11 |
|             | B   | 11                  | -  | 11 | -  | 11 | -  |
|             | A   | -                   | 11 | -  | 11 | -  | 11 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X68LF | D   | 2                   | 3 | 2 | 3 | - | 1 |
|             | C   | 2                   | 3 | 2 | 3 | - | 1 |
|             | B   | -                   | - | 3 | 3 | - | - |
|             | A   | 2                   | - | 3 | 3 | - | 1 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|----|
|             |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X54LF | D   | -                   | 10 | -  | 10 | -  | 10 |
|             | C   | 10                  | -  | 10 | -  | 10 | -  |
|             | B   | -                   | 10 | -  | 10 | -  | 10 |
|             | A   | 10                  | -  | 10 | -  | 10 | -  |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X59LF | D   | 1                   | 1 | 2 | 1 | 1 | 1 |
|             | C   | 1                   | 1 | 2 | 1 | 1 | 1 |
|             | B   | 1                   | 1 | 2 | 1 | 1 | 1 |
|             | A   | 1                   | 1 | 2 | 1 | 1 | 1 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X64LF | D   | 3                   | - | - | 2 | - | - |
|             | C   | 3                   | - | - | 2 | - | - |
|             | B   | 3                   | - | - | 3 | - | - |
|             | A   | 3                   | - | - | 3 | - | - |


| METRAL P/N  | ROW | CONTACT CODE MOD. I |    |    |    |    |    |
|-------------|-----|---------------------|----|----|----|----|----|
|             |     | 1                   | 2  | 3  | 4  | 5  | 6  |
| 88921-X55LF | D   | -                   | 11 | -  | 11 | -  | 11 |
|             | C   | 11                  | -  | 11 | -  | 11 | -  |
|             | B   | -                   | 11 | -  | 11 | -  | 11 |
|             | A   | 11                  | -  | 11 | -  | 11 | -  |

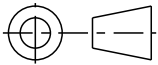

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X60LF | D   | 2                   | 2 | 2 | 3 | 2 | 3 |
|             | C   | 2                   | 2 | 2 | 3 | 2 | 3 |
|             | B   | 2                   | 2 | 2 | 3 | 2 | 3 |
|             | A   | 2                   | 2 | 2 | 3 | 2 | 3 |

| METRAL P/N  | ROW | CONTACT CODE MOD. I |   |   |   |   |   |
|-------------|-----|---------------------|---|---|---|---|---|
|             |     | 1                   | 2 | 3 | 4 | 5 | 6 |
| 88921-X65LF | D   | 1                   | 1 | 1 | 1 | 2 | 3 |
|             | C   | 1                   | 1 | 1 | 1 | 2 | 3 |
|             | B   | 1                   | 1 | 1 | 1 | 2 | 3 |
|             | A   | 1                   | 1 | 1 | 1 | 2 | 3 |

|               |  |                  |                |            |                        |                      |           |               |              |       |
|---------------|--|------------------|----------------|------------|------------------------|----------------------|-----------|---------------|--------------|-------|
| spec ref      | *                                      | dr               | Terran Huang   | 2010/07/09 | projection             |                      | size      | A4            | scale        | 53:50 |
| tolerance std | ISO 406<br>ISO 1101                    | eng              | Rahul Mohan-M  | 2021/06/17 |                        |                      | ecn no    | ELX-I-41240-1 |              |       |
|               | TOLERANCES UNLESS OTHERWISE SPECIFIED  | chr              | -              | -          |                        |                      | rel level | Released      |              |       |
| surface       | 3.200                                  | appr             | Kuriakose, San | 2021/08/13 | product family         | METRAL               | rev       | AR            |              |       |
| linear        | 0.X ±0.3<br>0.XX ±0.13<br>0.XXX ±0.050 | Amphenol FCI     | title          |            |                        | METRAL SIGNAL HEADER | dwg no    | 88921         | sheet 5 of 6 |       |
| angular       | 0° ±2°                                 | amphenol-icc.com | cat. no.       | -          | Product - Customer Drw |                      |           |               |              |       |

NOTES:

1. FOR DIM A, AND B SEE SHEET 2 AND UP.
2. MATERIAL : BODY : THERMOPLASTIC UL94-V0.  
: CONTACT : COPPER ALLOY.
3. FOR PLATING PERFORMANCE REFER DRAWING # 10159408.
4. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER.  
EXAMPLE: XXXXX-XXXPLF
5. PRODUCT SPECIFICATION: GS-12-180.
6. APPLICATION SPECIFICATION: BUS-20-073.
7. AFTER INSERTION INTO BOARD WITH QUALIFIED TOOLING.
8. THE PRODUCTS MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
9. ALL THE PRODUCTS WILL WITHSTAND EXPOSURE TO 260° C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. THE Au CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140° C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.
10. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT REVISION APPLICATION.

|                     |  |         |               |            |   |   |           |                      |              |       |        |
|---------------------|--|---------|---------------|------------|---|---|-----------|----------------------|--------------|-------|--------|
| spec ref *          |  | dr      | Terran Huang  | 2010/07/09 | projection<br> | MM<br> | size      | A4                   | scale        | 53:50 |        |
| tolerance std       |  | eng     | Rahul Mohan-M | 2021/06/17 |   |   | ecn no    | ELX-I-41240-1        |              |       |        |
| ISO 406<br>ISO 1101 |  | chr     | -             | -          |   |   | rel level | Released             |              |       |        |
| surface 3.200       |  | linear  | 0.X           | ±0.3       | Amphenol<br>FCi   | product family  | METRAL    |                      | rev          | AR    |        |
| ISO 1302            |  |         | 0.XX          | ±0.13      |   |   | title     | METRAL SIGNAL HEADER |              |       | dwg no |
|                     |  | 0.XXX   | ±0.050        | cat. no.   | -   | Product - Customer Drw  |           |                      | sheet 6 of 6 |       |        |
|                     |  | angular | 0°            | ±2°        | amphenol-icc.com  |   |           |                      |              |       |        |