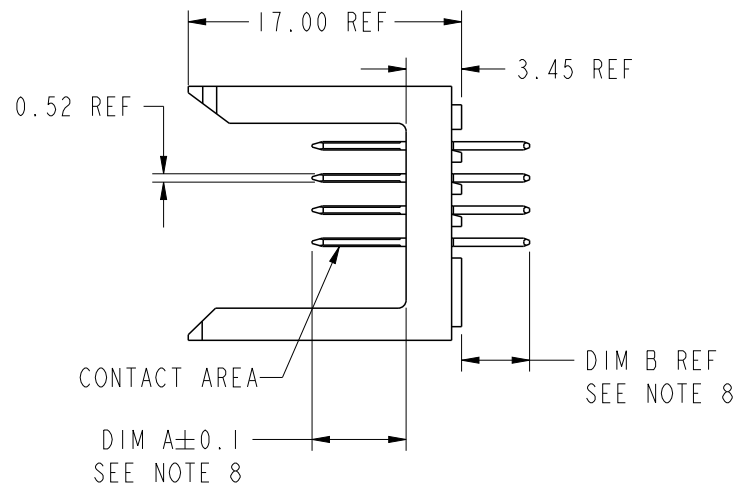
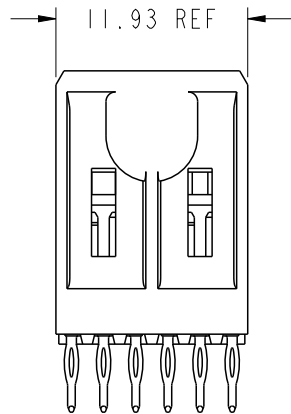
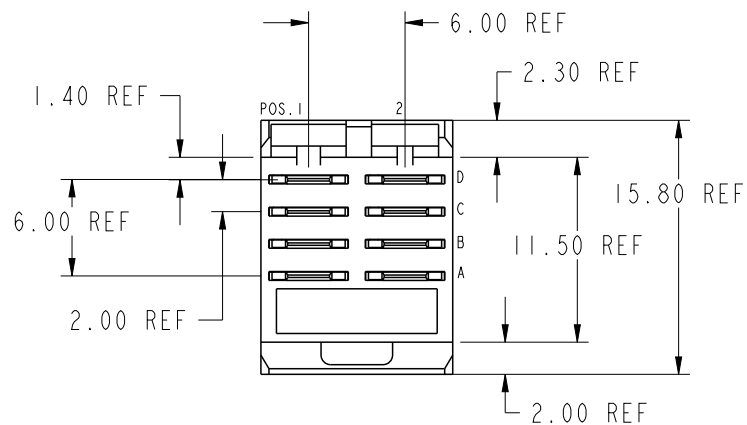


|                |
|----------------|
| PRODUCT NUMBER |
| 70236-XYX      |
| 70236-XYXLF    |

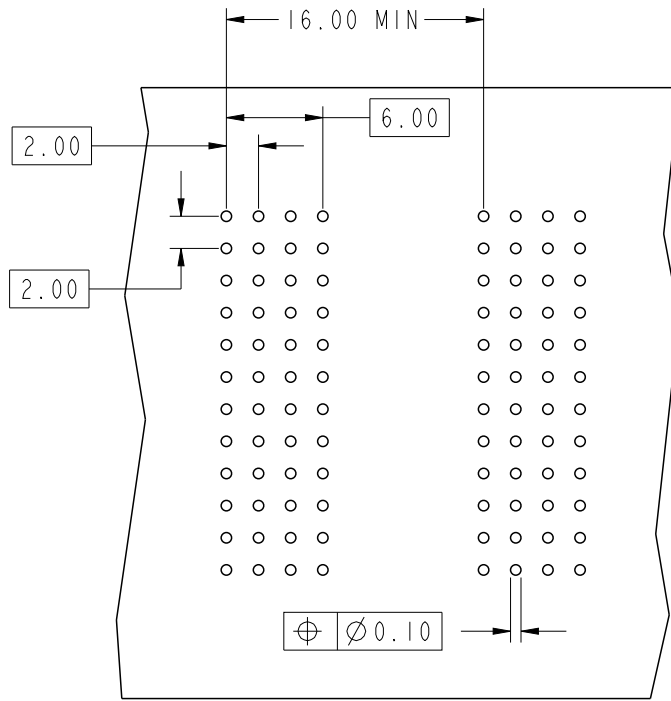


PLATING IN CONTACT AREA

| DASH NUMBER | PERFORMANCE LEVEL           | NOTES       |
|-------------|-----------------------------|-------------|
| -1YY        | TELCORDIA CO                | -           |
| -2YY        | TELECOM CLASS               | -           |
| -3YY        | IEC CLASS I                 | -           |
| -5YY        | TELCORDIA UE                | -           |
| -1YYLF      | TELCORDIA CO<br>IEC CLASS I | SEE NOTE 10 |
| -2YYLF      | TELECOM CLASS               | SEE NOTE 10 |
| -5YYLF      | TELCORDIA UE                | SEE NOTE 10 |

|               |                                       |       |                |              |                |                        |                        |               |       |       |
|---------------|---------------------------------------|-------|----------------|--------------|----------------|------------------------|------------------------|---------------|-------|-------|
| spec ref      | *                                     | dr    | Terran Huang   | 2010/07/09   | projection     | mm                     | size                   | A4            | scale | 21:10 |
| tolerance std | TOLERANCES UNLESS OTHERWISE SPECIFIED | eng   | Narayanan, Aru | 2018/07/26   |                |                        | ecn no                 | ELX-I-30251-1 |       |       |
| ISO 406       |                                       | chr   | -              | -            |                |                        | rel level              | Released      |       |       |
| ISO 1101      |                                       | appr  | K-Paul Biju    | 2018/08/09   | product family | METRAL                 |                        |               |       |       |
| surface       | linear                                | 0.X   | ±0.3           | Amphenol FCI | title          | METRAL POWER HEADER    | dwg no                 | 70236         | rev   | AK    |
|               |                                       | 0.XX  | ±0.13          |              |                | I MOD, 4 ROW PRESS-FIT |                        |               |       |       |
|               |                                       | 0.XXX | ±0.051         |              |                |                        |                        |               |       |       |
| ISO 1302      | angular                               | 0°    | ±2°            |              | cat. no.       | *                      | Product - Customer Drw | sheet 1 of 6  |       |       |

Creo File - REV E - 2016-02-12



REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE  
SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| P01  | 6.50            | 4.30            |
| P02  | 7.25            | 4.30            |
| P03  | 8.00            | 4.30            |
| P04  | 6.50            | 13.60           |
| P05  | 7.25            | 13.60           |
| P06  | 8.00            | 13.60           |
| P07  | 6.50            | 17.00           |
| P08  | 7.25            | 17.00           |
| P09  | 8.00            | 17.00           |
| P16  | 5.00            | 4.30            |
| P17  | 5.75            | 4.30            |

|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|---------------|--|---------------------------------------|--|---------|--|----------------|--|------------|--|----------------|--|----------|--|---------------------|--|------------------------|--|--------------|--|-------|--|
| spec ref      |  | *                                     |  | dr      |  | Terran Huang   |  | 2010/07/09 |  | projection     |  |          |  | size                |  | A4                     |  | scale        |  | 21:10 |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng     |  | Narayanan, Aru |  | 2018/07/26 |  |                |  |          |  | ecn no              |  | ELX-I-30251-1          |  |              |  |       |  |
| ISO 406       |  |                                       |  | chr     |  | -              |  | -          |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
| ISO 1101      |  |                                       |  | appr    |  | K-Paul Biju    |  | 2018/08/09 |  | product family |  | METRAL   |  | rel level           |  | Released               |  |              |  |       |  |
| surface       |  | 3.200                                 |  | linear  |  | 0.X            |  | ±0.3       |  | Amphenol FCI   |  | title    |  | METRAL POWER HEADER |  | dwg no                 |  | 70236        |  | rev   |  |
| ISO 1302      |  | ✓                                     |  | angular |  | 0°             |  | ±2°        |  |                |  | cat. no. |  | -                   |  | Product - Customer Drw |  | sheet 2 of 6 |  | AK    |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |
|               |  |                                       |  |         |  |                |  |            |  |                |  |          |  |                     |  |                        |  |              |  |       |  |

| 1                                  |                                       |                     |       | 2                                  |                |                        |            | 3                                  |                |                        |        | 4                                  |           |                     |          |       |  |
|------------------------------------|---------------------------------------|---------------------|-------|------------------------------------|----------------|------------------------|------------|------------------------------------|----------------|------------------------|--------|------------------------------------|-----------|---------------------|----------|-------|--|
| 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 |          |       |  |
|                                    |                                       | I                   | 2     |                                    |                | I                      | 2          |                                    |                | I                      | 2      |                                    |           | I                   | 2        |       |  |
| 70236-X00                          | D                                     | P03                 | P03   | 70236-X05                          | D              | P01                    | P01        | 70236-X10                          | D              | P16                    | P16    | 70236-X15                          | D         | P02                 | P02      |       |  |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C                                     | P02                 | P02   | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P01                    | P01        | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P16                    | P16    | SEE NOTE 11<br>LEAD FREE<br>OPTION | C         | P02                 | P02      |       |  |
|                                    | B                                     | P01                 | P01   |                                    | B              | P01                    | P01        |                                    | B              | P02                    | P02    |                                    |           |                     |          |       |  |
|                                    | A                                     | P03                 | P03   |                                    | A              | P03                    | P03        |                                    | A              | P02                    | P02    |                                    |           |                     |          |       |  |
| 70236-X01                          | D                                     | P01                 | P01   | 70236-X06                          | D              | P03                    | P03        | 70236-X11                          | D              | P16                    | P16    | 70236-X20                          | D         | P06                 | P06      |       |  |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C                                     | P01                 | P01   | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P02                    | P02        | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P16                    | P16    | SEE NOTE 11<br>LEAD FREE<br>OPTION | C         | P05                 | P05      |       |  |
|                                    | B                                     | P01                 | P01   |                                    | B              | P02                    | P02        |                                    | B              | P16                    | P16    |                                    | B         | P04                 | P04      |       |  |
|                                    | A                                     | P01                 | P01   |                                    | A              | P01                    | P01        |                                    | A              | P01                    | P01    |                                    | A         | P06                 | P06      |       |  |
| 70236-X02                          | D                                     | P01                 | P01   | 70236-X07                          | D              | P01                    | P01        | 70236-X12                          | D              | P01                    | P01    | 70236-X21                          | D         | P04                 | P04      |       |  |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C                                     | P02                 | P02   | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P01                    | P01        | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P17                    | P17    | SEE NOTE 11<br>LEAD FREE<br>OPTION | C         | P04                 | P04      |       |  |
|                                    | B                                     | P03                 | P03   |                                    | B              | P02                    | P02        |                                    | B              | P17                    | P17    |                                    | B         | P04                 | P04      |       |  |
|                                    | A                                     | P03                 | P03   |                                    | A              | P03                    | P03        |                                    | A              | P01                    | P01    |                                    | A         | P04                 | P04      |       |  |
| 70236-X03                          | D                                     | P01                 | P01   | 70236-X08                          | D              | P03                    | P03        | 70236-X13                          | D              | P17                    | P17    | 70236-X22                          | D         | P04                 | P04      |       |  |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C                                     | P01                 | P01   | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P03                    | P03        | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P17                    | P17    | SEE NOTE 11<br>LEAD FREE<br>OPTION | C         | P05                 | P05      |       |  |
|                                    | B                                     | P03                 | P03   |                                    | B              | P03                    | P03        |                                    | B              | P02                    | P02    |                                    | B         | P06                 | P06      |       |  |
|                                    | A                                     | P01                 | P01   |                                    | A              | P03                    | P03        |                                    | A              | P17                    | P17    |                                    | A         | P06                 | P06      |       |  |
| 70236-X04                          | D                                     | P02                 | P02   | 70236-X09                          | D              | P03                    | P03        | 70236-X14                          | D              | P17                    | P17    | 70236-X23                          | D         | P04                 | P04      |       |  |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C                                     | P03                 | P03   | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P03                    | P03        | SEE NOTE 11<br>LEAD FREE<br>OPTION | C              | P17                    | P17    | SEE NOTE 11<br>LEAD FREE<br>OPTION | C         | P04                 | P04      |       |  |
|                                    | B                                     | P03                 | P03   |                                    | B              | P02                    | P02        |                                    | B              | P17                    | P17    |                                    | B         | P06                 | P06      |       |  |
|                                    | A                                     | P03                 | P03   |                                    | A              | P02                    | P02        |                                    | A              | P17                    | P17    |                                    | A         | P04                 | P04      |       |  |
| spec ref                           | *                                     |                     |       | dr                                 | Terran Huang   |                        | 2010/07/09 |                                    | projection     |                        |        | size                               | A4        |                     | scale    | 11:10 |  |
| tolerance std                      | TOLERANCES UNLESS OTHERWISE SPECIFIED |                     |       | eng                                | Narayanan, Aru |                        | 2018/07/26 |                                    |                |                        |        |                                    | ecn no    | ELX-I-30251-1       |          |       |  |
|                                    |                                       |                     |       | chr                                | -              |                        | -          |                                    |                |                        |        |                                    |           |                     |          |       |  |
| ISO 406                            |                                       |                     |       | appr                               | K-Paul Biju    |                        | 2018/08/09 |                                    | product family |                        | METRAL |                                    | rel level |                     | Released |       |  |
| ISO 1101                           |                                       |                     |       | Amphenol FCI                       | title          | METRAL POWER HEADER    |            |                                    |                | dwg no                 | 70236  |                                    |           |                     | rev      | AK    |  |
| surface 3.200                      | linear                                | 0.X                 | ±0.3  |                                    |                | 1 MOD, 4 ROW PRESS-FIT |            |                                    |                |                        |        |                                    |           |                     |          |       |  |
|                                    |                                       | 0.XX                | ±0.13 |                                    |                |                        |            |                                    |                |                        |        |                                    |           |                     |          |       |  |
| ISO 1302                           | angular                               | 0°                  | ±2°   | cat. no.                           |                |                        |            | -                                  |                | Product - Customer Drw |        |                                    |           | sheet 3 of 6        |          |       |  |

| 1                                  |     |                     |     | 2                                  |     |                     |     | 3                                  |     |                     |     | 4                                  |     |                     |     |
|------------------------------------|-----|---------------------|-----|------------------------------------|-----|---------------------|-----|------------------------------------|-----|---------------------|-----|------------------------------------|-----|---------------------|-----|
| 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 |     |
|                                    |     | I                   | 2   |                                    |     | I                   | 2   |                                    |     | I                   | 2   |                                    |     | I                   | 2   |
| 70236-X29                          | D   | P06                 | P06 | 70236-X34                          | D   | P08                 | P08 | 70236-X39                          | D   | P09                 | P09 | 70236-X44                          | D   | P02                 | P02 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P06                 | P06 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P09                 | P09 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P09                 | P09 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P02                 | P02 |
|                                    | B   | P05                 | P05 |                                    | B   | P09                 | P09 |                                    | B   | P08                 | P08 |                                    | B   | P03                 | P03 |
|                                    | A   | P05                 | P05 |                                    | A   | P09                 | P09 |                                    | A   | P08                 | P08 |                                    | A   | P03                 | P03 |
| 70236-X30                          | D   | P09                 | P09 | 70236-X35                          | D   | P07                 | P07 | 70236-X40                          | D   | P01                 | P01 | 70236-X45                          | D   | P03                 | P03 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P08                 | P08 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P07                 | P07 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P03                 | P03 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P02                 | P02 |
|                                    | B   | P07                 | P07 |                                    | B   | P07                 | P07 |                                    | B   | P02                 | P02 |                                    | B   | P02                 | P02 |
|                                    | A   | P09                 | P09 |                                    | A   | P09                 | P09 |                                    | A   | P01                 | P01 |                                    | A   | P03                 | P03 |
| 70236-X31                          | D   | P07                 | P07 | 70236-X36                          | D   | P09                 | P09 | 70236-X41                          | D   | P02                 | P02 | 70236-X46                          | D   | P02                 | P02 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P07                 | P07 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P08                 | P08 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P02                 | P02 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P01                 | P01 |
|                                    | B   | P07                 | P07 |                                    | B   | P08                 | P08 |                                    | B   | P02                 | P02 |                                    | B   | P01                 | P01 |
|                                    | A   | P07                 | P07 |                                    | A   | P07                 | P07 |                                    | A   | P03                 | P03 |                                    | A   | P03                 | P03 |
| 70236-X32                          | D   | P07                 | P07 | 70236-X37                          | D   | P07                 | P07 | 70236-X42                          | D   | P01                 | P01 | 70236-X47                          | D   | P03                 | P03 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P08                 | P08 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P07                 | P07 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P02                 | P02 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P01                 | P01 |
|                                    | B   | P09                 | P09 |                                    | B   | P08                 | P08 |                                    | B   | P03                 | P03 |                                    | B   | P01                 | P01 |
|                                    | A   | P09                 | P09 |                                    | A   | P09                 | P09 |                                    | A   | P01                 | P01 |                                    | A   | P03                 | P03 |
| 70236-X33                          | D   | P07                 | P07 | 70236-X38                          | D   | P09                 | P09 | 70236-X43                          | D   | P02                 | P02 | 70236-X48                          | D   | P02                 | P02 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P07                 | P07 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P09                 | P09 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P02                 | P02 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P03                 | P03 |
|                                    | B   | P09                 | P09 |                                    | B   | P09                 | P09 |                                    | B   | P03                 | P03 |                                    | B   | P01                 | P01 |
|                                    | A   | P07                 | P07 |                                    | A   | P09                 | P09 |                                    | A   | P02                 | P02 |                                    | A   | P03                 | P03 |
| 70236-X49                          | D   | P02                 | P02 | 70236-X50                          | D   | P04                 | P04 | 70236-X51                          | D   | P05                 | P05 | 70236-X52                          | D   | P04                 | P04 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P02                 | P02 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P06                 | P06 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P05                 | P05 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P05                 | P05 |
|                                    | B   | P02                 | P02 |                                    | B   | P05                 | P05 |                                    | B   | P05                 | P05 |                                    | B   | P06                 | P06 |
|                                    | A   | P02                 | P02 |                                    | A   | P04                 | P04 |                                    | A   | P06                 | P06 |                                    | A   | P04                 | P04 |
| 70236-X53                          | D   | P05                 | P05 | 70236-X54                          | D   | P05                 | P05 | 70236-X55                          | D   | P05                 | P05 | 70236-X56                          | D   | P05                 | P05 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P05                 | P05 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P06                 | P06 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P06                 | P06 | SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P06                 | P06 |
|                                    | B   | P06                 | P06 |                                    | B   | P06                 | P06 |                                    | B   | P06                 | P06 |                                    | B   | P06                 | P06 |
|                                    | A   | P05                 | P05 |                                    | A   | P05                 | P05 |                                    | A   | P05                 | P05 |                                    | A   | P05                 | P05 |

|               |                                       |        |                |            |                |                     |                        |              |               |       |      |
|---------------|---------------------------------------|--------|----------------|------------|----------------|---------------------|------------------------|--------------|---------------|-------|------|
| spec ref      | *                                     | dr     | Terran Huang   | 2010/07/09 | projection     |                     | mm                     | size         | A4            | scale | 1:10 |
| tolerance std | ISO 406<br>ISO 1101                   | eng    | Narayanan, Aru | 2018/07/26 |                |                     |                        | ecn no       | ELX-I-30251-1 |       |      |
|               | TOLERANCES UNLESS OTHERWISE SPECIFIED | chr    | -              | -          |                |                     |                        | rel level    | Released      |       |      |
|               |                                       | appr   | K-Paul Biju    | 2018/08/09 | product family | METRAL              |                        |              |               |       |      |
| surface       | 3.200                                 | linear | 0.X            | ±0.3       | Amphenol FCI   | METRAL POWER HEADER | dwg no                 | 70236        | rev           | AK    |      |
|               |                                       |        | 0.XX           | ±0.13      |                |                     |                        |              |               |       |      |
|               |                                       |        | 0.XXX          | ±0.051     |                |                     |                        |              |               |       |      |
| ISO 1302      | angular                               | 0°     | ±2°            |            | cat. no.       | -                   | Product - Customer Drw | sheet 4 of 6 |               |       |      |



| METRAL<br>P/N                      | ROW | CONTACT CODE<br>MOD. I |     |
|------------------------------------|-----|------------------------|-----|
|                                    |     | 1                      | 2   |
| 70236-X97                          | D   | P01                    | P01 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P03                    | P03 |
|                                    | B   | P03                    | P03 |
|                                    | A   | P02                    | P02 |

| METRAL<br>P/N                      | ROW | CONTACT CODE<br>MOD. I |     |
|------------------------------------|-----|------------------------|-----|
|                                    |     | 1                      | 2   |
| 70236-X98                          | D   | P02                    | P02 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P03                    | P03 |
|                                    | B   | P03                    | P03 |
|                                    | A   | P01                    | P01 |

| METRAL<br>P/N                      | ROW | CONTACT CODE<br>MOD. I |     |
|------------------------------------|-----|------------------------|-----|
|                                    |     | 1                      | 2   |
| 70236-X99                          | D   | P03                    | P03 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P16                    | P16 |
|                                    | B   | P16                    | P16 |
|                                    | A   | P16                    | P16 |

| METRAL<br>P/N                      | ROW | CONTACT CODE<br>MOD. I |     |
|------------------------------------|-----|------------------------|-----|
|                                    |     | 1                      | 2   |
| 70236-X100                         | D   | P03                    | P03 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P16                    | P16 |
|                                    | B   | P16                    | P16 |
|                                    | A   | P03                    | P03 |

| METRAL<br>P/N                      | ROW | CONTACT CODE<br>MOD. I |     |
|------------------------------------|-----|------------------------|-----|
|                                    |     | 1                      | 2   |
| 70236-X101                         | D   | P03                    | P03 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | -                      | -   |
|                                    | B   | P02                    | P02 |
|                                    | A   | P01                    | P01 |

| METRAL<br>P/N                      | ROW | CONTACT CODE<br>MOD. I |     |
|------------------------------------|-----|------------------------|-----|
|                                    |     | 1                      | 2   |
| 70236-X102                         | D   | P02                    | P02 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P02                    | P02 |
|                                    | B   | P02                    | P03 |
|                                    | A   | P02                    | P02 |

| METRAL<br>P/N                      | ROW | CONTACT CODE<br>MOD. I |     |
|------------------------------------|-----|------------------------|-----|
|                                    |     | 1                      | 2   |
| 70236-X103                         | D   | P05                    | P05 |
| SEE NOTE 11<br>LEAD FREE<br>OPTION | C   | P05                    | P05 |
|                                    | B   | P05                    | P06 |
|                                    | A   | P05                    | P05 |



## NOTES:

- FOR DIM A AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL  
POLYMER 30 % GLASS.  
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL:  
PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL:  
70236 -XXX IS SnPb  
70236-XXYLF IS SN (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE  
LEVEL SHOWN IN TABLE.
- PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN  
SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES.  
IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P"  
WILL BE ADDED TO THE END OF THE PART NUMBER.  
EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- PRODUCT SPECIFICATION GS-12-180  
APPLICATION SPECIFICATION BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH  
QUALIFIED TOOL.
- A PLATING HAS Au FLASH IN PRESS FIT  
AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE  
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.
- FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX.  
EXAMPLE: 70236-X01LF
- ALL PRODUCTS WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS  
IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

|               |  |                                       |  |        |  |                |  |              |  |            |  |                     |  |                        |  |               |  |           |  |          |  |                |  |        |  |
|---------------|--|---------------------------------------|--|--------|--|----------------|--|--------------|--|------------|--|---------------------|--|------------------------|--|---------------|--|-----------|--|----------|--|----------------|--|--------|--|
| spec ref      |  | *                                     |  | dr     |  | Terran Huang   |  | 2010/07/09   |  | projection |  |                     |  | mm                     |  | size          |  | A4        |  | scale    |  | 11:10          |  |        |  |
| tolerance std |  | TOLERANCES UNLESS OTHERWISE SPECIFIED |  | eng    |  | Narayanan, Aru |  | 2018/07/26   |  |            |  |                     |  | ecn no                 |  | ELX-I-30251-1 |  | rel level |  | Released |  |                |  |        |  |
| ISO 406       |  |                                       |  | chr    |  | -              |  | -            |  |            |  |                     |  |                        |  |               |  |           |  |          |  |                |  |        |  |
| ISO 1101      |  |                                       |  | appr   |  | K-Paul Biju    |  | 2018/08/09   |  |            |  |                     |  |                        |  |               |  |           |  |          |  | product family |  | METRAL |  |
|               |  |                                       |  |        |  |                |  |              |  |            |  |                     |  |                        |  |               |  |           |  |          |  |                |  |        |  |
| surface 3.200 |  | linear                                |  | 0.X    |  | ±0.3           |  | Amphenol FCI |  | title      |  | METRAL POWER HEADER |  | dwg no                 |  | 70236         |  | rev       |  | AK       |  |                |  |        |  |
| 0.XX          |  |                                       |  | ±0.13  |  |                |  |              |  |            |  |                     |  |                        |  |               |  |           |  |          |  |                |  |        |  |
| 0.XXX         |  |                                       |  | ±0.051 |  |                |  |              |  |            |  |                     |  |                        |  |               |  |           |  |          |  |                |  |        |  |
| ISO 1302      |  | angular                               |  | 0°     |  | ±2°            |  |              |  | cat. no.   |  | -                   |  | Product - Customer Drw |  | sheet 6 of 6  |  |           |  |          |  |                |  |        |  |

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