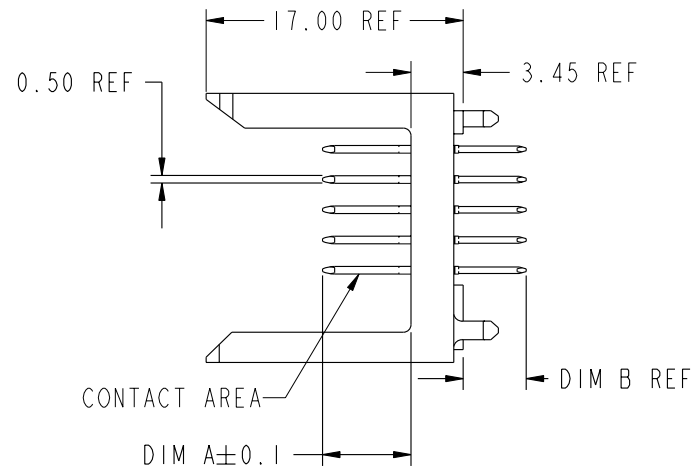
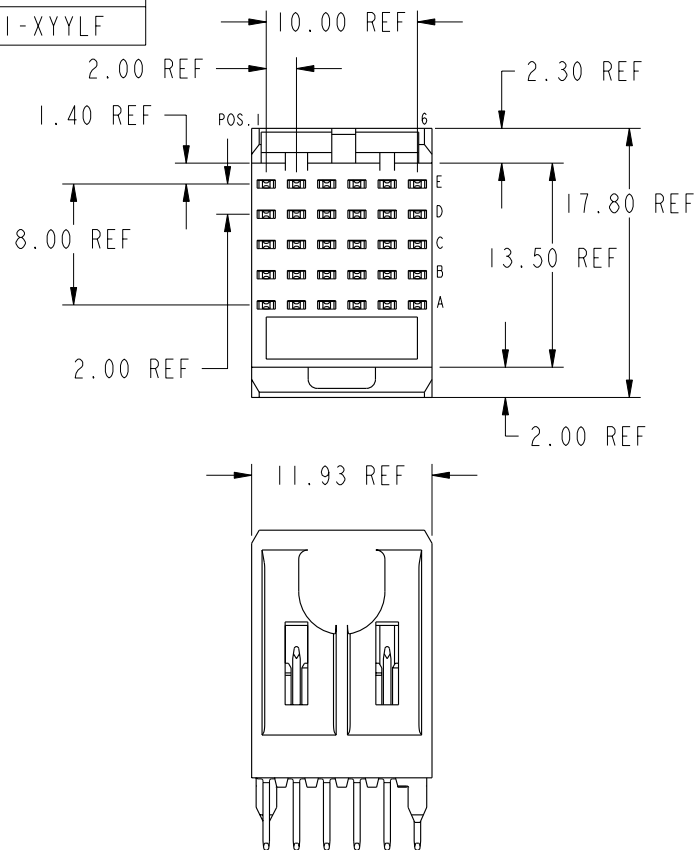


|                |
|----------------|
| PRODUCT NUMBER |
| 74741-XYX      |
| 74741-XYXLF    |

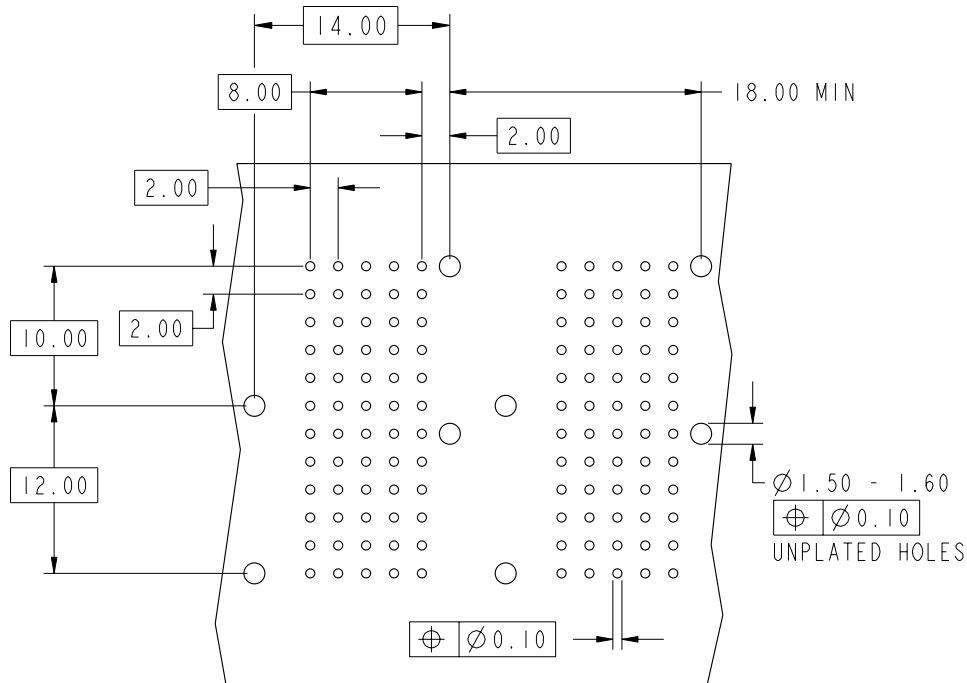


| PLATING IN CONTACT AREA |                                   |            |
|-------------------------|-----------------------------------|------------|
| DASH NUMBER             | PERFORMANCE LEVEL                 | NOTES      |
| -NIYY                   | TELCORDIA CO (NXT)                | -          |
| -IYY                    | TELCORDIA CO                      | -          |
| -2YY                    | TELECOM CLASS                     | -          |
| -3YY                    | IEC CLASS I                       | -          |
| -5YY                    | TELCORDIA UE                      | -          |
| -9YY                    | TELCORDIA CO                      | -          |
| -NIYYLF                 | TELCORDIA CO (NXT)<br>IEC CLASS I | SEE NOTE 8 |
| -IYYLF                  | TELCORDIA CO<br>IEC CLASS I       | SEE NOTE 8 |
| -2YYLF                  | TELECOM CLASS                     | SEE NOTE 8 |
| -5YYLF                  | TELCORDIA UE                      | SEE NOTE 8 |
| -30ILF                  | CUSTOMER SPECIAL                  | SEE NOTE 8 |

| mat'l code |          |     |            | tolerances unless otherwise specified |            | CUSTOMER |            | FCI                  |                    |
|------------|----------|-----|------------|---------------------------------------|------------|----------|------------|----------------------|--------------------|
| ltr        | ecr no.  | dr  | date       | linear                                | 0.X ±0.3   | COPY     | projection | title                | www.fciconnect.com |
| N          | V06-0544 | DCH | 2006-06-09 | linear                                | 0.XX ±0.13 |          |            | METRAL SIGNAL HEADER |                    |
| -          | -        | -   | -          |                                       | .XXX ±.051 |          |            | I MOD, 5 ROW STB     |                    |
| H          | V21671   | TAB | 10/21/02   | angles                                | 0° ±2°     |          |            |                      |                    |
| J          | V03-1059 | DAI | 9/24/03    | dr                                    | T.BRUNGARD | 11/19/99 |            | product family       | METRAL             |
| K          | V05-0393 | DAI | 4/26/05    | enrg                                  | M.STRAWER  | 11/19/99 |            | size                 | dwg no             |
| L          | V05-1001 | LP  | 11/7/05    | chr                                   | M.STRAWER  | 11/19/99 |            |                      | 213                |
| M          | V06-0057 | DAI | 02/08/06   | appd                                  | M.STRAWER  | 02/29/00 |            |                      | 1 of 5             |
| sheet      | revision | N   | N          | N                                     | N          | N        |            |                      |                    |
| index      | sheet    | 1   | 2          | 3                                     | 4          | 5        |            |                      |                    |

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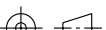




REQUIRED PC BOARD LAYOUT  
 COMPONENT SIDE

SEE PRINT 58351 FOR  
 ADDITIONAL PCB INFORMATION

| KEY  |                 |                 |
|------|-----------------|-----------------|
| CODE | DIMENSIONS      |                 |
|      | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 1    | 5.00            | 4.25            |
| 2    | 5.75            | 4.25            |
| 3    | 6.50            | 4.25            |
| 4    | 7.25            | 4.25            |
| 5    | 5.00            | 3.30            |
| 6    | 5.75            | 3.30            |
| 7    | 6.50            | 3.30            |
| 8    | 7.25            | 3.30            |
| 9    | 5.00            | 2.65            |
| 10   | 5.75            | 2.65            |
| 11   | 6.50            | 2.65            |
| 12   | 7.25            | 2.65            |
| 13   | 8.00            | 4.25            |

|                |         |                   |            |                                          |            |                                                                                       |                 |                                                                                                                                                     |                                                   |
|----------------|---------|-------------------|------------|------------------------------------------|------------|---------------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| mat'l code     |         |                   |            | tolerances unless<br>otherwise specified |            | CUSTOMER                                                                              |                 | <br><a href="http://www.fciconnect.com">www.fciconnect.com</a> |                                                   |
| ltr            | ecr no. | dr                | date       | linear                                   | 0.X ±0.3   | COPY                                                                                  |                 |                                                                | title<br>METRAL SIGNAL HEADER<br>1 MOD, 5 ROW STB |
| N              |         |                   |            |                                          | 0.XX ±0.13 | projection                                                                            |                 |                                                                                                                                                     |                                                   |
|                |         |                   |            |                                          | .XXX ±.051 |                                                                                       |                 |                                                                                                                                                     |                                                   |
|                |         |                   |            | angles                                   | 0° ±2°     |  |                 | product family<br>METRAL                                                                                                                            | code<br>213                                       |
|                |         | dr                | T.BRUNGARD | 11/19/99                                 | scale      |                                                                                       | size<br>A       |                                                                                                                                                     |                                                   |
|                |         | enrg              | M.STRAWSER | 11/19/99                                 | 2:1        |                                                                                       |                 |                                                                                                                                                     |                                                   |
|                |         | chr               | M.STRAWSER | 11/19/99                                 |            |                                                                                       |                 |                                                                                                                                                     |                                                   |
|                |         | appd              | M.STRAWSER | 02/29/00                                 |            |                                                                                       | dwg no<br>74741 |                                                                                                                                                     | sheet<br>2                                        |
| sheet<br>index |         | revision<br>sheet |            |                                          |            |                                                                                       |                 |                                                                                                                                                     |                                                   |

cage code 22526

Pro/E

PDM: Rev:N

STATUS: Released

Printed: Dec 01, 2009



| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X01<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                | D   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                | C   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                | B   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                | A   | 3                      | 3 | 3 | 3 | 3 | 3 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X02<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                | D   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | C   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | B   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | A   | 3                      | 3 | 3 | 3 | 3 | 3 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X31<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 7                      | 7 | 7 | 7 | 7 | 7 |
|                                                | D   | 7                      | 7 | 7 | 7 | 7 | 7 |
|                                                | C   | 7                      | 7 | 7 | 7 | 7 | 7 |
|                                                | B   | 7                      | 7 | 7 | 7 | 7 | 7 |
|                                                | A   | 7                      | 7 | 7 | 7 | 7 | 7 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X32<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 7                      | 7 | 7 | 7 | 7 | 7 |
|                                                | D   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                | C   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                | B   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                | A   | 7                      | 7 | 7 | 7 | 7 | 7 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X61<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | D   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | C   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | B   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | A   | 1                      | 1 | 1 | 1 | 1 | 1 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X62<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 1                      | 1  | 1  | 1  | 1  | 1  |
|                                                | D   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | C   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | B   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | A   | 1                      | 1  | 1  | 1  | 1  | 1  |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X63<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | D   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | C   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | B   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | A   | 1                      | 1 | 1 | 1 | 1 | 1 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X64<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | D   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | C   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | B   | 1                      | 1 | 1 | 1 | 1 | 1 |
|                                                | A   | 3                      | 3 | 3 | 3 | 3 | 3 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X65<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | D   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                | C   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | B   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | A   | 3                      | 3 | 3 | 3 | 3 | 3 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X66<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | D   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | C   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | B   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | A   | 2                      | 2 | 2 | 2 | 2 | 2 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X67<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                | C   | 4                      | 4  | 4  | 4  | 4  | 4  |
|                                                | B   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                | A   | 13                     | 13 | 13 | 13 | 13 | 13 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X68<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                | D   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                | C   | 3                      | 3  | 3  | 3  | 3  | 3  |
|                                                | B   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                | A   | 3                      | 3  | 3  | 3  | 3  | 3  |

|            |          |    |      |                                          |            |          |  |          |        |                           |                      |  |      |
|------------|----------|----|------|------------------------------------------|------------|----------|--|----------|--------|---------------------------|----------------------|--|------|
| mat'l code |          |    |      | tolerances unless<br>otherwise specified |            |          |  | CUSTOMER |        | FCI<br>www.fciconnect.com |                      |  |      |
| lfr        | ecn no.  | dr | date | linear                                   | 0.X ±0.3   |          |  | COPY     |        | projection                | title                |  |      |
| N          |          |    |      |                                          | 0.XX ±0.13 |          |  |          |        |                           | METRAL SIGNAL HEADER |  |      |
|            |          |    |      |                                          | .XXX ±.051 |          |  |          |        |                           | I MOD, 5 ROW STB     |  |      |
|            |          |    |      | angles                                   | 0° ±2°     |          |  | MM       |        | scale                     | product family       |  | code |
|            |          |    |      | dr                                       | T.BRUNGARD | 11/19/99 |  |          | METRAL |                           | 213                  |  |      |
|            |          |    |      | engr                                     | M.STRAWSE  | 11/19/99 |  |          |        |                           | sheet                |  |      |
|            |          |    |      | chr                                      | M.STRAWSE  | 11/19/99 |  |          |        |                           |                      |  |      |
|            |          |    |      | appd                                     | M.STRAWSE  | 02/29/00 |  |          |        |                           |                      |  |      |
| sheet      | revision |    |      |                                          |            |          |  |          |        |                           |                      |  |      |
| index      | sheet    |    |      |                                          |            |          |  |          |        |                           |                      |  |      |



| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X69<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | D   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | C   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | B   | 2                      | 2 | 2 | 2 | 2 | 2 |
|                                                | A   | 2                      | 2 | 2 | 2 | 2 | 2 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X70<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | D   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | C   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | B   | 4                      | 4 | 4 | 4 | 4 | 4 |
|                                                | A   | 4                      | 4 | 4 | 4 | 4 | 4 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X71<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                | D   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                | C   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                | B   | 13                     | 13 | 13 | 13 | 13 | 13 |
|                                                | A   | 13                     | 13 | 13 | 13 | 13 | 13 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X72<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 9                      | 9 | 9 | 9 | 9 | 9 |
|                                                | D   | 9                      | 9 | 9 | 9 | 9 | 9 |
|                                                | C   | 9                      | 9 | 9 | 9 | 9 | 9 |
|                                                | B   | 9                      | 9 | 9 | 9 | 9 | 9 |
|                                                | A   | 9                      | 9 | 9 | 9 | 9 | 9 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X73<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 9                      | 9  | 9  | 9  | 9  | 9  |
|                                                | D   | 9                      | 9  | 9  | 9  | 9  | 9  |
|                                                | C   | 9                      | 9  | 9  | 9  | 9  | 9  |
|                                                | B   | 9                      | 9  | 9  | 9  | 9  | 9  |
|                                                | A   | 11                     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X74<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | D   | 11                     | 11 | 11 | 11 | 11 | 11 |
|                                                | C   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | B   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | A   | 11                     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X75<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 11                     | 11 | 11 | 11 | 11 | 11 |
|                                                | D   | 11                     | 11 | 11 | 11 | 11 | 11 |
|                                                | C   | 11                     | 11 | 11 | 11 | 11 | 11 |
|                                                | B   | 11                     | 11 | 11 | 11 | 11 | 11 |
|                                                | A   | 11                     | 11 | 11 | 11 | 11 | 11 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X76<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | D   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | C   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | B   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | A   | 10                     | 10 | 10 | 10 | 10 | 10 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X77<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | D   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | C   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | B   | 10                     | 10 | 10 | 10 | 10 | 10 |
|                                                | A   | 10                     | 10 | 10 | 10 | 10 | 10 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |    |    |    |    |    |
|------------------------------------------------|-----|------------------------|----|----|----|----|----|
|                                                |     | 1                      | 2  | 3  | 4  | 5  | 6  |
| 74741-X78<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | D   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | C   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | B   | 12                     | 12 | 12 | 12 | 12 | 12 |
|                                                | A   | 12                     | 12 | 12 | 12 | 12 | 12 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X79<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                | D   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                | C   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                | B   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                | A   | 5                      | 5 | 5 | 5 | 5 | 5 |

| METRAL<br>P/N                                  | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X80<br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                | D   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                | C   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                | B   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                | A   | 6                      | 6 | 6 | 6 | 6 | 6 |

|             |         |                |      |                                       |            |          |   |            |       |                                                   |        |        |       |     |
|-------------|---------|----------------|------|---------------------------------------|------------|----------|---|------------|-------|---------------------------------------------------|--------|--------|-------|-----|
| mat'l code  |         |                |      | tolerances unless otherwise specified |            |          |   | CUSTOMER   |       | FCI<br>www.fciconnect.com                         |        |        |       |     |
| lfr         | ecn no. | dr             | date | linear                                | 0.X ±0.3   |          |   | projection |       | title<br>METRAL SIGNAL HEADER<br>1 MOD, 5 ROW STB |        |        |       |     |
| N           |         |                |      |                                       | 0.XX ±0.13 |          |   |            |       |                                                   |        |        |       |     |
|             |         |                |      |                                       | .XXX ±.051 |          |   |            |       |                                                   |        |        |       |     |
|             |         |                |      |                                       | 0° ±2°     |          |   |            |       |                                                   |        |        |       |     |
|             |         |                |      | angles                                |            |          |   |            | scale | product family                                    |        | METRAL | code  |     |
|             |         |                |      | dr                                    | T.BRUNGARD | 11/19/99 | A |            |       | size                                              | dwg no | 74741  | sheet | 213 |
|             |         |                |      | engr                                  | M.STRAWSER | 11/19/99 |   |            |       |                                                   |        |        |       |     |
|             |         |                |      | chr                                   | M.STRAWSER | 11/19/99 |   |            |       |                                                   |        |        |       |     |
|             |         |                |      | appd                                  | M.STRAWSER | 02/29/00 |   |            |       |                                                   |        |        |       |     |
| sheet index |         | revision sheet |      |                                       |            |          |   |            |       |                                                   |        |        |       |     |



| METRAL<br>P/N                                      | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|----------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                    |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X81<br><br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                    | D   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                    | C   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                    | B   | 5                      | 5 | 5 | 5 | 5 | 5 |
|                                                    | A   | 7                      | 7 | 7 | 7 | 7 | 7 |

| METRAL<br>P/N                                      | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|----------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                    |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X82<br><br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                    | D   | 7                      | 7 | 7 | 7 | 7 | 7 |
|                                                    | C   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                    | B   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                    | A   | 7                      | 7 | 7 | 7 | 7 | 7 |

| METRAL<br>P/N                                      | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|----------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                    |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X83<br><br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                    | D   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                    | C   | 6                      | 6 | 6 | 6 | 6 | 6 |
|                                                    | B   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                    | A   | 6                      | 6 | 6 | 6 | 6 | 6 |

| METRAL<br>P/N                                      | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|----------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                    |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X84<br><br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                    | D   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                    | C   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                    | B   | 8                      | 8 | 8 | 8 | 8 | 8 |
|                                                    | A   | 8                      | 8 | 8 | 8 | 8 | 8 |

| METRAL<br>P/N                                      | ROW | CONTACT CODE<br>MOD. I |   |   |   |   |   |
|----------------------------------------------------|-----|------------------------|---|---|---|---|---|
|                                                    |     | 1                      | 2 | 3 | 4 | 5 | 6 |
| 74741-X85<br><br>SEE NOTE 9<br>LEAD FREE<br>OPTION | E   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                    | D   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                    | C   | -                      | - | - | - | - | - |
|                                                    | B   | 3                      | 3 | 3 | 3 | 3 | 3 |
|                                                    | A   | 3                      | 3 | 3 | 3 | 3 | 3 |

#### 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:  
74741 -XXX IS SnPb  
74741-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-20-074
- 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: 74741-XOILF
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING  
(DRAWING NO.)-N1--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE  
TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR  
VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-N1---  
AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND 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.

|                |                   |    |      |                                          |             |          |                                               |                                              |                                                                       |        |        |      |
|----------------|-------------------|----|------|------------------------------------------|-------------|----------|-----------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------|--------|--------|------|
| mat'l code     |                   |    |      | tolerances unless<br>otherwise specified |             | CUSTOMER |                                               | <div>FCi</div> <div>www.fciconnect.com</div> |                                                                       |        |        |      |
| ltr            | ecn no.           | dr | date | linear                                   | 0. X ±0.3   |          | COPY                                          |                                              | <div>title</div> <div>METRAL SIGNAL HEADER<br/>I MOD, 5 ROW STB</div> |        |        |      |
| N              |                   |    |      |                                          | 0. XX ±0.13 |          | projection                                    |                                              |                                                                       |        |        |      |
|                |                   |    |      |                                          | .XXX ±.051  |          | <div></div>                                   |                                              |                                                                       |        |        |      |
|                |                   |    |      | angles                                   | 0° ±2°      |          | <div></div> <div>scale</div> <div>1 : 1</div> |                                              | product family                                                        |        | METRAL | code |
|                |                   |    |      | dr                                       | T.BRUNGARD  | 11/19/99 |                                               |                                              | size                                                                  | dwg no | 213    |      |
|                |                   |    |      | enrg                                     | M.STRAWSE   | 11/19/99 |                                               |                                              | 74741                                                                 |        | sheet  |      |
|                |                   |    |      | chr                                      | M.STRAWSE   | 11/19/99 |                                               |                                              |                                                                       |        | 5      |      |
|                |                   |    |      | appd                                     | M.STRAWSE   | 02/29/00 |                                               |                                              |                                                                       |        |        |      |
| sheet<br>index | revision<br>sheet |    |      |                                          |             |          |                                               |                                              |                                                                       |        |        |      |

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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