



| ALL DIMENSIONS ARE IN mm |                     |                         |           |                   |                                                              |                                                                   |                                                                 |         |        |        |         |         |        |         |        |         |         |  |  |
|--------------------------|---------------------|-------------------------|-----------|-------------------|--------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|---------|--------|--------|---------|---------|--------|---------|--------|---------|---------|--|--|
| Part Number              | Class 2r Wire Size  | Class 5f & 6f Wire Size | Stud Size | WIRE STRIP LENGTH | Panduit Die Index No. For Class 2r Wire Circumferential Dies | Panduit Die Index No. For Class 5f & 6f Wire Circumferential Dies | Panduit Die Index No. For Class 5f & 6f Wire Nest/Indenter Dies | l ±2.76 | o ±5.0 | i ±5.0 | a ±2.25 | m (ref) | c ±5.0 | n ±2.25 | d ±5.0 | b ±2.25 | t       |  |  |
| LCMC 10-8-L              | 10 mm <sup>2</sup>  | -----                   | M 8       | 25.6              | P 21                                                         | -----                                                             | -----                                                           | 87.8    | 6.80   | 4.50   | 24.0    | 8.5     | 44.50  | 8.0     | 9.00   | 13.0    | 160±35  |  |  |
| LCMC 16-8-L              | 16 mm <sup>2</sup>  | 10 mm <sup>2</sup>      | M 8       | 28.8              | P 21                                                         | P 21                                                              | -----                                                           | 91.7    | 7.60   | 5.50   | 27.2    | 10.3    | 44.50  | 6.5     | 9.00   | 13.0    | 150±40  |  |  |
| LCMC 25-8-L              | 25 mm <sup>2</sup>  | 16 mm <sup>2</sup>      | M 8       | 28.3              | P 29                                                         | P 21                                                              | -----                                                           | 93.2    | 8.80   | 6.90   | 26.7    | 10.0    | 44.50  | 8.0     | 9.00   | 15.5    | 160±40  |  |  |
| LCMC 25-10-L             | 25 mm <sup>2</sup>  | 16 mm <sup>2</sup>      | M 10      | 28.3              | P 29                                                         | P 21                                                              | -----                                                           | 93.2    | 8.80   | 6.90   | 26.7    | 10.0    | 44.50  | 8.0     | 11.00  | 15.5    | 150±40  |  |  |
| LCMC 25-12-L             | 25 mm <sup>2</sup>  | 16 mm <sup>2</sup>      | M 12      | 28.3              | P 29                                                         | P 21                                                              | -----                                                           | 101.2   | 10.40  | 7.14   | 26.7    | 14.5    | 44.50  | 11.5    | 14.00  | 20.0    | 2.30±40 |  |  |
| LCMC 35-10-Q             | 35 mm <sup>2</sup>  | 25 mm <sup>2</sup>      | M 10      | 34.4              | P 29                                                         | P 29                                                              | -----                                                           | 101.8   | 10.40  | 8.20   | 32.8    | 12.3    | 44.50  | 8.5     | 11.00  | 15.5    | 2.05±40 |  |  |
| LCMC 35-12-Q             | 35 mm <sup>2</sup>  | 25 mm <sup>2</sup>      | M 12      | 34.4              | P 29                                                         | P 29                                                              | -----                                                           | 107.8   | 11.00  | 8.20   | 32.8    | 14.5    | 44.50  | 11.5    | 14.00  | 21.5    | 2.00±40 |  |  |
| LCMC 50-10-E             | 50 mm <sup>2</sup>  | 35 mm <sup>2</sup>      | M 10      | 38.2              | P 37                                                         | P 33                                                              | -----                                                           | 107.3   | 12.30  | 9.80   | 36.6    | 11.5    | 44.50  | 10.0    | 11.00  | 18.0    | 2.50±40 |  |  |
| LCMC 50-12-E             | 50 mm <sup>2</sup>  | 35 mm <sup>2</sup>      | M 12      | 38.2              | P 37                                                         | P 33                                                              | -----                                                           | 110.8   | 12.30  | 9.80   | 36.6    | 14.0    | 44.50  | 11.0    | 14.00  | 23.0    | 1.80±40 |  |  |
| LCMC 70-10-X             | 70 mm <sup>2</sup>  | 50 mm <sup>2</sup>      | M 10      | 39.6              | P 45                                                         | P 37                                                              | -----                                                           | 112.7   | 14.20  | 11.50  | 38.0    | 14.5    | 44.50  | 11.5    | 11.00  | 20.8    | 2.85±40 |  |  |
| LCMC 70-12-X             | 70 mm <sup>2</sup>  | 50 mm <sup>2</sup>      | M 12      | 39.6              | P 45                                                         | P 37                                                              | -----                                                           | 112.7   | 14.20  | 11.50  | 38.0    | 14.5    | 44.50  | 11.5    | 14.00  | 20.8    | 2.80±40 |  |  |
| LCMC 95-12-X             | 95 mm <sup>2</sup>  | 70 mm <sup>2</sup>      | M 12      | 44.6              | P 54                                                         | P 45                                                              | P 62/4                                                          | 123.5   | 16.50  | 13.50  | 43.0    | 15.0    | 44.50  | 13.5    | 14.00  | 24.5    | 3.00±40 |  |  |
| LCMC 95-14-X             | 95 mm <sup>2</sup>  | 70 mm <sup>2</sup>      | M 14      | 44.6              | P 54                                                         | P 45                                                              | P 62/4                                                          | 123.5   | 16.50  | 13.50  | 43.0    | 15.0    | 44.50  | 13.5    | 16.00  | 24.5    | 3.00±40 |  |  |
| LCMC 120-12-X            | 120 mm <sup>2</sup> | 95 mm <sup>2</sup>      | M 12      | 41.3              | P 62                                                         | P 50                                                              | P 76/4                                                          | 124.7   | 18.60  | 15.20  | 39.7    | 15.5    | 44.50  | 14.5    | 14.00  | 27.5    | 3.50±45 |  |  |
| LCMC 120-14-X            | 120 mm <sup>2</sup> | 95 mm <sup>2</sup>      | M 14      | 41.3              | P 62                                                         | P 50                                                              | P 76/4                                                          | 124.7   | 18.60  | 15.20  | 39.7    | 15.5    | 44.50  | 14.5    | 16.00  | 27.5    | 3.40±45 |  |  |
| LCMC 150-12-X            | 150 mm <sup>2</sup> | 120 mm <sup>2</sup>     | M 12      | 58.6              | P 66                                                         | -----                                                             | P 76/4                                                          | 144.5   | 21.00  | 16.50  | 57.0    | 18.0    | 44.50  | 16.5    | 14.00  | 30.5    | 4.45±45 |  |  |
| LCMC 150-14-X            | 150 mm <sup>2</sup> | 120 mm <sup>2</sup>     | M 14      | 58.6              | P 66                                                         | -----                                                             | P 76/4                                                          | 148.0   | 21.00  | 16.50  | 57.0    | 22.0    | 44.50  | 16.5    | 16.00  | 30.5    | 4.30±45 |  |  |
| LCMC 185-12-X            | 185 mm <sup>2</sup> | 150 mm <sup>2</sup>     | M 12      | 57.9              | P 76                                                         | -----                                                             | P 76/4                                                          | 145.1   | 23.00  | 18.60  | 56.3    | 16.5    | 44.50  | 17.5    | 14.00  | 33.5    | 4.55±50 |  |  |
| LCMC 185-14-X            | 185 mm <sup>2</sup> | 150 mm <sup>2</sup>     | M 14      | 57.9              | P 76                                                         | -----                                                             | P 76/4                                                          | 149.6   | 23.00  | 18.60  | 56.3    | 21.0    | 44.50  | 17.5    | 16.00  | 33.5    | 4.40±50 |  |  |
| LCMC 240-12-6            | 240 mm <sup>2</sup> | 185 mm <sup>2</sup>     | M 12      | 65.1              | P 87                                                         | -----                                                             | P 87/4                                                          | 159.5   | 26.00  | 20.80  | 63.5    | 21.0    | 44.50  | 19.5    | 14.00  | 37.5    | 5.30±50 |  |  |
| LCMC 240-14-6            | 240 mm <sup>2</sup> | 185 mm <sup>2</sup>     | M 14      | 65.1              | P 87                                                         | -----                                                             | P 87/4                                                          | 159.5   | 26.00  | 20.80  | 63.5    | 21.0    | 44.50  | 19.5    | 16.00  | 37.5    | 5.30±50 |  |  |
| LCMC 300-12-6            | 300 mm <sup>2</sup> | 240 mm <sup>2</sup>     | M 12      | 70.0              | P 94                                                         | -----                                                             | P 106/6                                                         | 167.1   | 29.00  | 23.50  | 68.4    | 22.0    | 44.50  | 20.0    | 14.00  | 42.5    | 5.40±55 |  |  |
| LCMC 300-14-6            | 300 mm <sup>2</sup> | 240 mm <sup>2</sup>     | M 14      | 70.0              | P 94                                                         | -----                                                             | P 106/6                                                         | 167.1   | 29.00  | 23.50  | 68.4    | 22.0    | 44.50  | 20.0    | 16.00  | 42.5    | 5.40±55 |  |  |
| LCMC X300-12-6           | -----               | 300 mm <sup>2</sup>     | M 12      | 74.6              | -----                                                        | -----                                                             | P 32/6                                                          | 179.7   | 33.00  | 26.20  | 73.0    | 26.5    | 44.50  | 23.5    | 14.00  | 48.0    | 6.70±55 |  |  |
| LCMC X300-14-6           | -----               | 300 mm <sup>2</sup>     | M 14      | 74.6              | -----                                                        | -----                                                             | P 32/6                                                          | 179.7   | 33.00  | 26.20  | 73.0    | 26.5    | 44.50  | 23.5    | 16.00  | 48.0    | 6.70±55 |  |  |
| LCMC 400-12-6            | 400 mm <sup>2</sup> | -----                   | M 12      | 66.8              | P 106                                                        | -----                                                             | -----                                                           | 171.9   | 34.50  | 27.00  | 65.2    | 26.5    | 44.50  | 23.5    | 14.00  | 49.5    | 7.50±55 |  |  |
| LCMC 400-14-6            | 400 mm <sup>2</sup> | -----                   | M 14      | 66.8              | P 106                                                        | -----                                                             | -----                                                           | 171.9   | 34.50  | 27.00  | 65.2    | 26.5    | 44.50  | 23.5    | 16.00  | 49.5    | 7.50±55 |  |  |
| LCMC 400-16-6            | 400 mm <sup>2</sup> | -----                   | M 16      | 66.8              | P 106                                                        | -----                                                             | -----                                                           | 171.9   | 34.50  | 27.00  | 65.2    | 26.5    | 44.50  | 23.5    | 18.00  | 49.5    | 7.50±55 |  |  |
| LCMC 500-12-3            | 500 mm <sup>2</sup> | -----                   | M 12      | 77.8              | P 125                                                        | -----                                                             | -----                                                           | 194.2   | 40.00  | 31.00  | 76.2    | 28.5    | 44.50  | 25.5    | 14.00  | 57.5    | 8.90±55 |  |  |
| LCMC 500-14-3            | 500 mm <sup>2</sup> | -----                   | M 14      | 77.8              | P 125                                                        | -----                                                             | -----                                                           | 194.2   | 40.00  | 31.00  | 76.2    | 28.5    | 44.50  | 25.5    | 16.00  | 57.5    | 8.90±55 |  |  |
| LCMC 500-16-3            | 500 mm <sup>2</sup> | -----                   | M 16      | 77.8              | P 125                                                        | -----                                                             | -----                                                           | 194.2   | 40.00  | 31.00  | 76.2    | 28.5    | 44.50  | 25.5    | 18.00  | 57.5    | 8.90±55 |  |  |
| LCMC 630-12-3            | 630 mm <sup>2</sup> | -----                   | M 12      | 85.9              | P 125                                                        | -----                                                             | -----                                                           | 203.6   | 44.00  | 34.50  | 84.3    | 28.5    | 44.50  | 27.5    | 14.00  | 63.0    | 9.40±65 |  |  |
| LCMC 630-14-3            | 630 mm <sup>2</sup> | -----                   | M 14      | 85.9              | P 125                                                        | -----                                                             | -----                                                           | 203.6   | 44.00  | 34.50  | 84.3    | 28.5    | 44.50  | 27.5    | 16.00  | 63.0    | 9.40±65 |  |  |
| LCMC 630-16-3            | 630 mm <sup>2</sup> | -----                   | M 16      | 85.9              | P 125                                                        | -----                                                             | -----                                                           | 203.6   | 44.00  | 34.50  | 84.3    | 28.5    | 44.50  | 27.5    | 18.00  | 63.0    | 9.40±65 |  |  |

- NOTES:
1. Material: High conductivity seamless copper tube.
  2. Plating: Parts are annealed and tin plated.
  3. Wire Type: Class 2r/5f & 6f Stranded Copper per DIN VDE 0295, IEC 60228 and HD 383.
  4. UL Listed Wire Connector: Yes, for applications up to 35kv.  
Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
  5. UL Temperature Rating: 90° C
  6. C.S.A. Certified Wire Connector: Yes
  7. Parts are CE and tested per EN 61238-1:2003/IEC 61238-1:2003 Class B, with Class 2r wire 10mm<sup>2</sup> - 240mm<sup>2</sup>.



|     |      |      |      |     |                  |  |  |                                                                                          |  |  |                               |  |  |  |  |
|-----|------|------|------|-----|------------------|--|--|------------------------------------------------------------------------------------------|--|--|-------------------------------|--|--|--|--|
|     |      |      |      |     |                  |  |  | TITLE<br><b>METRIC LUGS - LCMC TWO HOLE SERIES 10-630mm LONG BARREL CUSTOMER DRAWING</b> |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | ITEM REVISION NAME<br>12J036BK/00                                                        |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | DATASET FILE NAME<br>12J036BK-JC/00.SLDDRW                                               |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm]                          |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | .X ± .XXX ±<br>.XX ± ANGLES ±                                                            |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | THIRD ANGLE PROJECTION                                                                   |  |  |                               |  |  |  |  |
| 00  | 7/13 | JHNU | TLCO | RGB | DRAWING RELEASED |  |  | 12J036BK-JC                                                                              |  |  | DRAWING NUMBER<br>12J036BK-JC |  |  |  |  |
| REV | DATE | BY   | CHK  | APR | DESCRIPTION      |  |  | ECN                                                                                      |  |  | SHEET 1 OF 1                  |  |  |  |  |
|     |      |      |      |     |                  |  |  | DRAWN BY<br>JHNU                                                                         |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | DATE<br>7/13                                                                             |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | CHK<br>TLCO                                                                              |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | SCALE<br>NONE                                                                            |  |  |                               |  |  |  |  |
|     |      |      |      |     |                  |  |  | SIZE<br>B                                                                                |  |  |                               |  |  |  |  |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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