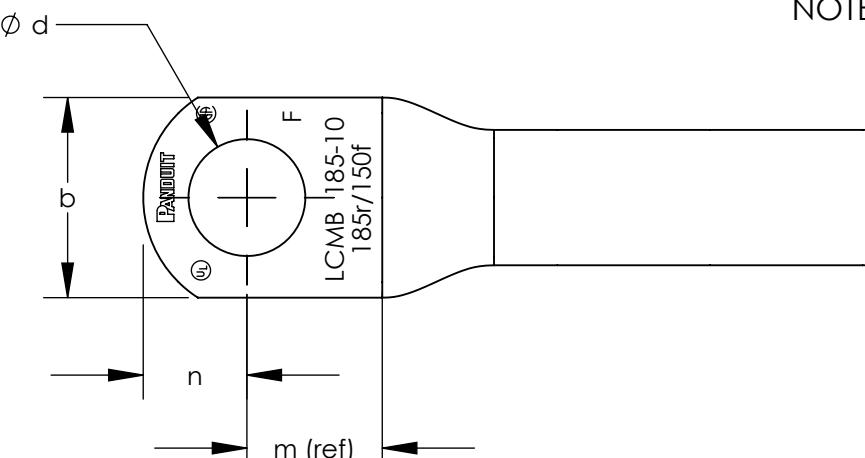


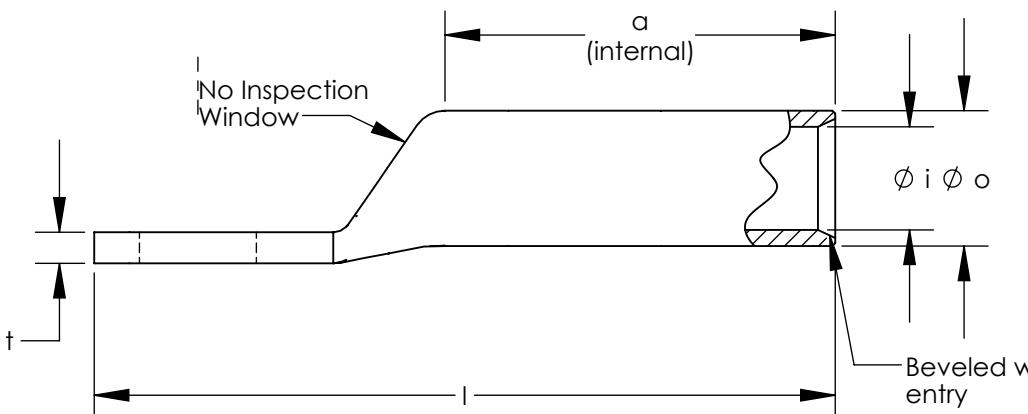
| ALL DIMENSIONS ARE IN mm | | | | | | | | | | | | | | | | |
|--------------------------|--------------------|-------------------------|-----------|-------------------|--|---|---|--------------|-------------|-------------|--------------|-----------|--------------|-------------|--------------|------------|
| 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 | $l \pm 2.76$ | $o \pm .50$ | $i \pm .50$ | $a \pm 2.25$ | m (ref) | $n \pm 2.25$ | $d \pm .50$ | $b \pm 2.25$ | t |
| *LCMB185-8-X | 185mm ² | 150mm ² | M8 | 57.9 | P76 | ---- | P76/4 | 100.6 | 23.00 | 18.60 | 56.3 | 16.5 | 17.5 | 9.00 | 33.5 | 4.55 ± .50 |
| LCMB185-10-X | 185mm ² | 150mm ² | M10 | 57.9 | P76 | ---- | P76/4 | 100.6 | 23.00 | 18.60 | 56.3 | 16.5 | 17.5 | 11.00 | 33.5 | 4.55 ± .50 |
| LCMB185-12-X | 185mm ² | 150mm ² | M12 | 57.9 | P76 | ---- | P76/4 | 100.6 | 23.00 | 18.60 | 56.3 | 16.5 | 17.5 | 14.00 | 33.5 | 4.55 ± .50 |
| LCMB185-16-X | 185mm ² | 150mm ² | M16 | 57.9 | P76 | ---- | P76/4 | 100.6 | 23.00 | 18.60 | 56.3 | 16.5 | 17.5 | 18.00 | 33.5 | 4.40 ± .50 |
| LCMB185-20-X | 185mm ² | 150mm ² | M20 | 57.9 | P76 | ---- | P76/4 | 105.1 | 23.00 | 18.60 | 56.3 | 21.0 | 17.5 | 22.00 | 33.5 | 4.40 ± .50 |
| LCMB240-10-6 | 240mm ² | 185mm ² | M10 | 65.1 | P87 | ---- | P87/4 | 115.0 | 26.00 | 20.80 | 63.5 | 21.0 | 19.5 | 11.00 | 37.5 | 5.30 ± .50 |
| LCMB240-12-6 | 240mm ² | 185mm ² | M12 | 65.1 | P87 | ---- | P87/4 | 115.0 | 26.00 | 20.80 | 63.5 | 21.0 | 19.5 | 14.00 | 37.5 | 5.30 ± .50 |
| LCMB240-16-6 | 240mm ² | 185mm ² | M16 | 65.1 | P87 | ---- | P87/4 | 115.0 | 26.00 | 20.80 | 63.5 | 21.0 | 19.5 | 18.00 | 37.5 | 5.30 ± .50 |
| LCMB240-20-6 | 240mm ² | 185mm ² | M20 | 65.1 | P87 | ---- | P87/4 | 115.0 | 26.00 | 20.80 | 63.5 | 21.0 | 19.5 | 22.00 | 37.5 | 5.20 ± .50 |
| LCMB300-10-6 | 300mm ² | 240mm ² | M10 | 70.0 | P94 | ---- | P106/6 | 122.6 | 29.00 | 23.50 | 68.4 | 22.0 | 20.0 | 11.00 | 42.5 | 5.40 ± .55 |
| LCMB300-12-6 | 300mm ² | 240mm ² | M12 | 70.0 | P94 | ---- | P106/6 | 122.6 | 29.00 | 23.50 | 68.4 | 22.0 | 20.0 | 14.00 | 42.5 | 5.40 ± .55 |
| LCMB300-16-6 | 300mm ² | 240mm ² | M16 | 70.0 | P94 | ---- | P106/6 | 122.6 | 29.00 | 23.50 | 68.4 | 22.0 | 20.0 | 18.00 | 42.5 | 5.40 ± .55 |
| LCMB300-20-6 | 300mm ² | 240mm ² | M20 | 70.0 | P94 | ---- | P106/6 | 122.6 | 29.00 | 23.50 | 68.4 | 22.0 | 20.0 | 22.00 | 42.5 | 5.30 ± .55 |
| LCMBX300-10-6 | ---- | ---- | M10 | 74.6 | ---- | ---- | P32/6 | 135.2 | 33.00 | 26.20 | 73.0 | 26.5 | 23.5 | 11.00 | 48.0 | 6.70 ± .55 |
| LCMBX300-12-6 | ---- | ---- | M12 | 74.6 | ---- | ---- | P32/6 | 135.2 | 33.00 | 26.20 | 73.0 | 26.5 | 23.5 | 14.00 | 48.0 | 6.70 ± .55 |
| LCMBX300-16-6 | ---- | ---- | M16 | 74.6 | ---- | ---- | P32/6 | 135.2 | 33.00 | 26.20 | 73.0 | 26.5 | 23.5 | 18.00 | 48.0 | 6.70 ± .55 |
| LCMBX300-20-6 | ---- | ---- | M20 | 74.6 | ---- | ---- | P32/6 | 135.2 | 33.00 | 26.20 | 73.0 | 26.5 | 23.5 | 22.00 | 48.0 | 6.70 ± .55 |
| LCMB400-12-6 | 400mm ² | ---- | M12 | 66.8 | P106 | ---- | ---- | 127.4 | 34.50 | 27.00 | 65.2 | 26.5 | 23.5 | 14.00 | 49.5 | 7.50 ± .55 |
| LCMB400-16-6 | 400mm ² | ---- | M16 | 66.8 | P106 | ---- | ---- | 127.4 | 34.50 | 27.00 | 65.2 | 26.5 | 23.5 | 18.00 | 49.5 | 7.50 ± .55 |
| LCMB400-20-6 | 400mm ² | ---- | M20 | 66.8 | P106 | ---- | ---- | 127.4 | 34.50 | 27.00 | 65.2 | 26.5 | 23.5 | 22.00 | 49.5 | 7.50 ± .55 |
| LCMB500-12-3 | 500mm ² | ---- | M12 | 77.8 | P125 | ---- | ---- | 149.7 | 40.00 | 31.00 | 76.2 | 28.5 | 25.5 | 14.00 | 57.5 | 8.90 ± .55 |
| LCMB500-16-3 | 500mm ² | ---- | M16 | 77.8 | P125 | ---- | ---- | 149.7 | 40.00 | 31.00 | 76.2 | 28.5 | 25.5 | 18.00 | 57.5 | 8.90 ± .55 |
| LCMB500-20-3 | 500mm ² | ---- | M20 | 77.8 | P125 | ---- | ---- | 149.7 | 40.00 | 31.00 | 76.2 | 28.5 | 25.5 | 22.00 | 57.5 | 8.90 ± .55 |
| LCMB630-16-3 | 630mm ² | ---- | M16 | 85.9 | P125 | ---- | ---- | 159.1 | 44.00 | 34.50 | 84.3 | 28.5 | 27.5 | 18.00 | 63.0 | 9.40 ± .65 |
| LCMB630-20-3 | 630mm ² | ---- | M20 | 85.9 | P125 | ---- | ---- | 159.1 | 44.00 | 34.50 | 84.3 | 28.5 | 27.5 | 22.00 | 63.0 | 9.40 ± .65 |

* CULUS LISTED WIRE CONNECTOR



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 185mm² - 240mm².



| METRIC LUGS - LCMB ONE HOLE SERIES 185-630mm LONG BARREL CUSTOMER DRAWING | | | | | | | | | | | | |
|---|------|------|------|-----|--|--|--|--|--|--|--|-------------|
| ITEM REVISION NAME 12J036BJ/02 | | | | | | | | | | | | |
| DATASET FILE NAME 12J036BJ-JC/02.SLDDRW | | | | | | | | | | | | |
| UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm] | | | | | | | | | | | | |
| .X ± .XX ± .XXX ± ANGLES ± | | | | | | | | | | | | |
| SEE NOTES | | | | | | | | | | | | |
| DRAWING NUMBER 12J036BJ-JC | | | | | | | | | | | | |
| DRAWN BY JHNU DATE 7/13/15 CHK TLCO APR RGB | | | | | | | | | | | | |
| DESCRIPTION | | | | | | | | | | | | |
| ECN | | | | | | | | | | | | |
| REV | DATE | BY | CHK | APR | DESCRIPTION | | | | | | | ECN |
| 02 | 7/15 | JHNU | TLCO | RGB | ADDED LCMB185-8-X | | | | | | | 12J036BJ-JC |
| 01 | 7/14 | JHNU | TLCO | RGB | ADDED 5f ONLY TO WIRE SIZE ON X300 PARTS | | | | | | | 12J036BJ-JC |
| 00 | 7/13 | JHNU | TLCO | RGB | DRAWING RELEASED | | | | | | | 12J036BJ-JC |
| DRAWING NUMBER 12J036BJ-JC | | | | | | | | | | | | |
| DRAWN BY JHNU DATE 7/13/15 CHK TLCO APR RGB | | | | | | | | | | | | |
| DESCRIPTION | | | | | | | | | | | | |
| ECN | | | | | | | | | | | | |



SHEET 1 OF 1 | B