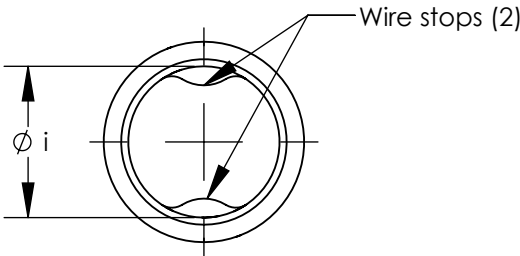
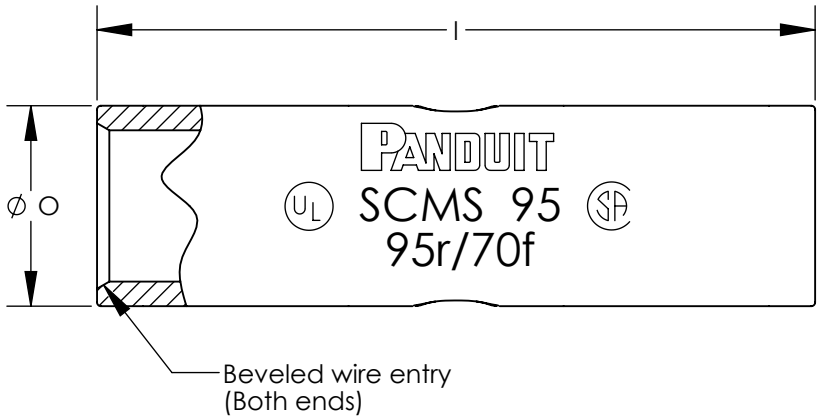


| ALL DIMENSIONS ARE IN mm |                    |                               |                   |                                                              |                                                                   |                                                                 |         |        |        |
|--------------------------|--------------------|-------------------------------|-------------------|--------------------------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------|---------|--------|--------|
| Part Number              | Class 2r Wire Size | Class 5f & 6f Wire 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/Indentor Dies | l ±2.76 | o ±.50 | i ±.50 |
| SCMS10-C                 | 10mm <sup>2</sup>  | ----                          | 16.5              | P21                                                          | ----                                                              | ----                                                            | 30.0    | 6.20   | 4.50   |
| SCMS16-C                 | 16mm <sup>2</sup>  | 10mm <sup>2</sup>             | 19.0              | P24                                                          | P21                                                               | P29/1                                                           | 35.0    | 7.20   | 5.50   |
| SCMS25-L                 | 25mm <sup>2</sup>  | 16mm <sup>2</sup>             | 19.5              | P29                                                          | P21                                                               | P29/1                                                           | 36.0    | 8.80   | 6.90   |
| SCMS35-L                 | 35mm <sup>2</sup>  | 25mm <sup>2</sup>             | 19.5              | P29                                                          | P29                                                               | P42/2                                                           | 36.0    | 10.40  | 8.20   |
| SCMS50-L                 | 50mm <sup>2</sup>  | 35mm <sup>2</sup>             | 26.0              | P37                                                          | P33                                                               | P50/2                                                           | 49.0    | 12.30  | 9.80   |
| SCMS70-L                 | 70mm <sup>2</sup>  | 50mm <sup>2</sup>             | 27.5              | P45                                                          | P37                                                               | P50/2                                                           | 52.0    | 14.20  | 11.50  |
| SCMS95-Q                 | 95mm <sup>2</sup>  | 70mm <sup>2</sup>             | 28.5              | P54                                                          | P45                                                               | P62/4                                                           | 54.0    | 16.50  | 13.50  |
| SCMS120-Q                | 120mm <sup>2</sup> | 95mm <sup>2</sup>             | 30.0              | P62                                                          | P50                                                               | P76/4                                                           | 57.0    | 18.60  | 15.20  |
| SCMS150-X                | 150mm <sup>2</sup> | 120mm <sup>2</sup>            | 30.0              | P66                                                          | ----                                                              | P76/4                                                           | 57.0    | 21.00  | 16.50  |
| SCMS185-X                | 185mm <sup>2</sup> | 150mm <sup>2</sup>            | 32.0              | P76                                                          | ----                                                              | P76/4                                                           | 61.0    | 23.00  | 18.60  |
| SCMS240-X                | 240mm <sup>2</sup> | 185mm <sup>2</sup>            | 37.5              | P87                                                          | ----                                                              | P87/4                                                           | 72.0    | 26.00  | 20.80  |
| SCMS300-5                | 300mm <sup>2</sup> | 240mm <sup>2</sup>            | 39.0              | P94                                                          | ----                                                              | P106/6                                                          | 75.0    | 29.00  | 23.50  |
| SCMSX300-5               | ----               | 300mm <sup>2</sup><br>5f ONLY | 49.0              | ----                                                         | ----                                                              | P32/6                                                           | 95.0    | 33.00  | 26.20  |
| SCMS400-5                | 400mm <sup>2</sup> | -----                         | 49.0              | P106                                                         | ----                                                              | ----                                                            | 95.0    | 34.50  | 27.00  |
| SCMS500-6                | 500mm <sup>2</sup> | -----                         | 49.5              | P125                                                         | ----                                                              | ----                                                            | 96.0    | 40.00  | 31.00  |
| SCMS630-6                | 630mm <sup>2</sup> | -----                         | 67.0              | P125                                                         | ----                                                              | ----                                                            | 131.0   | 44.00  | 34.50  |

NOTES:

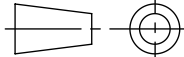
1. Material: High conductivity seamless copper tube.
2. Plating: Parts are annealed and tin plated.
3. Wire Type: Class 2r, 5f & 6f Stranded Copper per DIN VDE 0295, IEC 60228 and HD 383.
4. UL Listed Wire Connector: Yes, for applications up to 35kv.  
Consult cable manufacturer for voltage stress relief instruction 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> - 630mm<sup>2</sup>.



LISTED  
Wire Connector



CERTIFIED

|     |      |      |      |     |                                              |             |                                                                                                                                                                                                                                                                               |  |  |  |                               |  |               |  |
|-----|------|------|------|-----|----------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------------------------|--|---------------|--|
|     |      |      |      |     |                                              |             | TITLE<br><div>METRIC SPLICES - SCMS SERIES 10-630mm<br/>CUSTOMER DRAWING</div>                                                                                                                                                                                                |  |  |  |                               |  |               |  |
|     |      |      |      |     |                                              |             | ITEM REVISION NAME<br>13J059BI/02                                                                                                                                                                                                                                             |  |  |  | <div>PANDUIT</div>            |  |               |  |
|     |      |      |      |     |                                              |             | DATASET FILE NAME<br>13J059BI-JC/02.SLDDRW                                                                                                                                                                                                                                    |  |  |  |                               |  |               |  |
|     |      |      |      |     |                                              |             | UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONAL TOLERANCES ARE: IN [mm]<br><div><div>.X ±<br/>.XX ±</div><div>.XXX ±<br/>ANGLES ±</div><div></div><div>THIRD ANGLE<br/>PROJECTION</div></div> |  |  |  | MATERIAL<br><br>SEE NOTES     |  |               |  |
| 02  | 7/14 | JHNU | TLCO | RGB | ADDED 5f ONLY TO WIRE SIZE FOR SCMSX300 PART | 13J059BI-JC |                                                                                                                                                                                                                                                                               |  |  |  | DRAWING NUMBER<br>12J059BI-JC |  |               |  |
| 01  | 6/14 | JHNU | TLCO | RGB | REVISED NOTE 7: 630 WAS 240                  | 13J059BI-JC |                                                                                                                                                                                                                                                                               |  |  |  | DRAWN BY<br>JHNU              |  |               |  |
| 00  | 6/14 | JHNU | TLCO | RGB | DRAWING RELEASED                             | 13J059BI-JC | DATE<br>6/14                                                                                                                                                                                                                                                                  |  |  |  | CHK<br>TLCO                   |  | SCALE<br>NONE |  |
| REV | DATE | BY   | CHK  | APR | DESCRIPTION                                  | ECN         |                                                                                                                                                                                                                                                                               |  |  |  | SHEET 1 OF 1                  |  | SIZE<br>B     |  |