

|                                                      |                                                                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                                             | High Conductivity<br>Seamless Copper Tube                                                                                                                  |
| Plating                                              | Electro-Tin                                                                                                                                                |
| Wire Size                                            | 6 AWG                                                                                                                                                      |
| Wire Type                                            | Stranded Copper; Class B:<br>Compact, Compressed or<br>Concentric, Class C: Concentric                                                                     |
| Wire Strip Length                                    | 1-1/4 in.                                                                                                                                                  |
| Stud Size                                            | 3/8 in.                                                                                                                                                    |
| UL Listed Wire<br>Connector                          | Yes, for applications up to 35kv.<br>Consult cable manufacturer for<br>voltage stress relief instructions<br>with applications greater than<br>2000 volts. |
| UL Temperature<br>Rating                             | 90° C                                                                                                                                                      |
| C.S.A Certified<br>Wire Connector                    | Yes                                                                                                                                                        |
| Panduit Color Code<br>on Barrel                      | BLUE                                                                                                                                                       |
| Panduit Die Index No.<br>on Barrel                   | P24                                                                                                                                                        |
| Alternate Industry<br>Die Index No. ( )<br>on Barrel | (7)                                                                                                                                                        |



Technical drawing of a Panduit 6 STR CU LCB6-38F cable assembly. The drawing includes a top view and a side view.

**Top View Dimensions:**

- Overall width:  $.62 \pm .04$
- Distance from left edge to hole center:  $.36 \pm .04$
- Hole diameter:  $.41 \pm .02 \text{ DIA}$
- Text: PANDUIT, 6 STR CU, LCB6-38F

**Side View Dimensions:**

- Overall length:  $1.25 \text{ REF}$
- Distance from left edge to bend:  $.84 \pm .04$
- Bend angle:  $90^\circ \pm 5^\circ$
- Distance from bend to bottom edge:  $1.07 \pm .04$
- Distance from bend to bottom edge (horizontal):  $.22 \pm .01$
- Distance from bend to bottom edge (vertical):  $.31 \pm .01$
- Bottom edge distance from left:  $1.45 \text{ REF}$
- Feature: Beveled wire entry



**CORP. TINLEY PARK, ILLINOIS**

Copper Lug - One-Hole, Long Barrel, 90° Angle Tongue

LCB6-38F-CUST

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LCB6-38F-L