

|                                                      |                                                                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Material                                             | High Conductivity<br>Seamless Copper Tube                                                                                                                  |
| Plating                                              | Electro-Tin                                                                                                                                                |
| Wire Size                                            | 500 kcmil                                                                                                                                                  |
| Wire Type                                            | Stranded Copper; Class B:<br>Compact, Compressed or<br>Concentric, Class C: Concentric                                                                     |
| Wire Strip Length                                    | 1-13/16 in.                                                                                                                                                |
| Stud Size                                            | 5/8 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                      | BROWN                                                                                                                                                      |
| Panduit Die Index No.<br>on Barrel                   | P87                                                                                                                                                        |
| Alternate Industry<br>Die Index No. ( )<br>on Barrel | (20)                                                                                                                                                       |

LISTED  
Wire Connector

|     |      |     |     |             |       |                                                                                                                                  |                                          |
|-----|------|-----|-----|-------------|-------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
|     |      |     |     |             |       |  <b>PANDUIT CORP. TINLEY PARK, ILLINOIS</b> |                                          |
|     |      |     |     |             |       | LCA500-58H-6<br>Copper Lug - One-Hole, Standard Barrel, 45° Angle Tongue                                                         |                                          |
| 00  | 8/02 | SAB | DRL | RELEASED    | 10319 |                                                                                                                                  |                                          |
| REV | DATE | BY  | CHK | DESCRIPTION | ECN   | SCALE<br>N/A                                                                                                                     | DRAWING NO / CAD FILE<br>LCA500-58H-CUST |

# Mouser Electronics

Authorized Distributor

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Panduit:

[LCA500-58H-6](#)