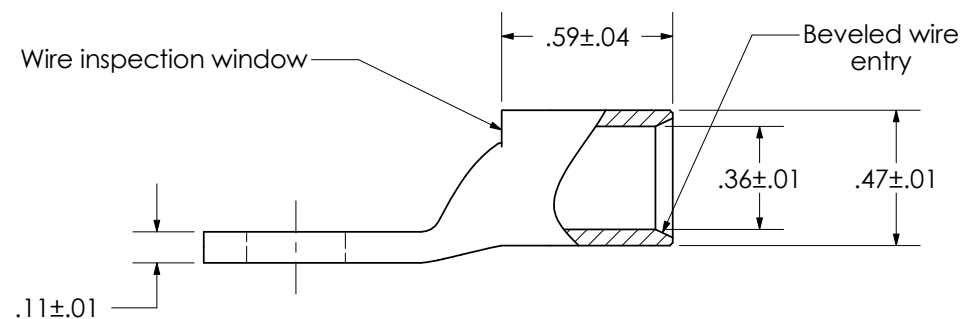



|  |  |
|--|--|
| Material   | High Conductivity<br>Seamless Copper Tube  |
| Plating  | Electro-Tin  |
| Wire Size  | 1 AWG  |
| Wire Type  | Stranded Copper; Class B:<br>Compact, Compressed or<br>Concentric, Class C: Concentric   |
| Wire Strip Length                                    | 11/16 in.  |
| Stud Size  | 5/16 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                      | GREEN  |
| Panduit Die Index No.<br>on Barrel                   | P37  |
| Alternate Industry<br>Die Index No. ( )<br>on Barrel | (11)   |



Technical drawing of a Panduit LCAS1-56 connector. The drawing shows a side view of the connector with various dimensions and labels. Key features include:

- Dimensions:**
  - Overall height:  $.70 \pm .04$
  - Overall width:  $.32 \pm .04$
  - Port diameter:  $.34 \pm .02$  DIA
  - Total length:  $1.63 \pm .06$
- Labels and Markings:**
  - Body label: PANDUIT
  - Port label: 1 STR CU LCAS1-56
  - Barrel label: GREEN DIE P37 (11)
  - Chamfer: .44 R Ref
  - Color coded barrel markings



|            |             |           |            |                                |            |  |   |
|------------|-------------|-----------|------------|--------------------------------|------------|--|---|
|            |             |           |            |                                |            |  <b>PANDUIT CORP. TINLEY PARK, ILLINOIS</b> |   |
|            |             |           |            |                                |            | LCAS1-56-E<br>Copper Lug - One-Hole, Short Barrel  |   |
| 02         | 11/10       | JHNU      | JHNU       | REMOVED NAVY NUMBER FROM STAMP |            |  |   |
| <b>REV</b> | <b>DATE</b> | <b>BY</b> | <b>CHK</b> | <b>DESCRIPTION</b>             | <b>ECN</b> | <b>SCALE</b><br>N/A  | <b>DRAWING NO / CAD FILE</b><br>LCAS1-56-CUST |