

Material	High Conductivity Seamless Copper Tube
Plating	Electro-Tin
Wire Size	300 STR/FLEX
Wire Type	Stranded Copper: Class G, H, I, K, M, Locomotive
Wire Strip Length	1-1/4 in.
Stud Size	5/8 in.
UL Listed Wire Connector	Yes, for applications up to 35kv. Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 volts.
UL Temperature Rating	90° C
C.S.A Certified Wire Connector	Yes
Panduit Color Code on Barrel	RED
Panduit Die Index No. on Barrel	P71
Alternate Industry Die Index No. () on Barrel	(18)



Technical drawing of a Panduit connector assembly, showing two views: a top view (left) and a side view (right).

Top View Dimensions and Callouts:

- Overall width: $1.39 \pm .04$
- Distance from left edge to center hole: $.63 \pm .04$
- Center hole diameter: $.66 \pm .02$ DIA
- Radius of the outer flange: $.75$ R REF
- Callout: "Tongue also stamped with: 300 STR/FLEX LCAX300-58H"
- Callout: "Color coded barrel markings" pointing to a separate image of the barrel markings.

Side View Dimensions and Callouts:

- Overall height: 2.09 REF
- Distance from bottom edge to the start of the beveled wire entry: $.95 \pm .01$
- Distance from the start of the beveled wire entry to the end of the wire inspection window: $.76 \pm .01$
- Distance from the end of the wire inspection window to the right edge: $1.19 \pm .04$
- Angle of the beveled wire entry: $45^\circ \pm 5^\circ$
- Callout: "Beveled wire entry"
- Callout: "Wire inspection window"
- Bottom edge dimension: $.18 \pm .01$
- Overall length: 2.85 REF

Barrel Markings:

- Top red band: PANDUIT
- Bottom red band: RED DIE P71 (18)

						 PANDUIT CORP. TINLEY PARK, ILLINOIS	
						LCAX300-58H-6 Copper Lug - One-Hole, Standard Flex Barrel, 45° Angle Tongue	
00	6/03	CJW	SAC	RELEASED	10850		
REV	DATE	BY	CHK	DESCRIPTION	ECN	SCALE N/A	DRAWING NO / CAD FILE LCAX300-58H-CUST