


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	1/2 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. The drawing includes the following dimensions and features:

- Dimensions:**
 - Overall height: $1.39 \pm .04$
 - Distance from base to center of circular feature: $.50 \pm .04$
 - Radius of circular feature: $.67 \text{ R REF}$
 - Diameter of circular feature: $.53 \pm .02 \text{ DIA}$
 - Distance from base to beveled wire entry: $1.19 \pm .04$
 - Distance from base to top of beveled wire entry: $.95 \pm .01$
 - Distance from base to top of beveled wire entry (horizontal projection): $.76 \pm .01$
 - Distance from base to top of beveled wire entry (vertical projection): 2.09 REF
 - Distance from base to top of beveled wire entry (diagonal projection): 2.64 REF
 - Distance from base to top of beveled wire entry (horizontal projection): $.18 \pm .01$
- Features:**
 - Tongue also stamped with:** 300 STR/FLEX, LCAX300-12H
 - Color coded barrel markings:** PANDUIT, RED DIE P71 (18)
 - Beveled wire entry**
 - Wire inspection window**
 - Angle:** $45^\circ \pm 5^\circ$

						 PANDUIT CORP. TINLEY PARK, ILLINOIS	
						LCAX300-12H-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 LCAX300-12H-CUST

Mouser Electronics

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Panduit:

[LCAX300-12H-6](#)