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LAB600-12-2 Datasheet

DiGi Electronics Part Number	LAB600-12-2-DG
Manufacturer	Panduit Corp
Manufacturer Product Number	LAB600-12-2
Description	CONN TERM RECT TONG 600 MCM #1/2

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Detailed Description This model LAB600-12-2 is available at DiGi Electronics. Terminal Connector Rectangular Rectangular Tongue 600MCM (kcmil) 1/2 Stud

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Manufacturer Product Number:

LAB600-12-2

Series:

LAB

Terminal Type:

Rectangular Tongue

Terminal Style:

Two Stud Holes

Length - Overall:

7.550" (191.77mm)

Mounting Type:

Free Hanging (In-Line)

Wire Gauge:

600MCM (kcmil)

Features:

Gel Filled

Contact Finish:

Tin

Diameter - Barrel ID:

Manufacturer:

Panduit Corp

Product Status:

Active

Stud/Tab Size:

1/2 Stud

Tab Thickness:

0.500" (12.70mm)

Width - Outer Edges:

1.720" (43.69mm)

Termination:

Crimp, Barrel

Insulation:

Non-Insulated

Color:

-

Contact Material:

Aluminum

Diameter - Barrel OD:

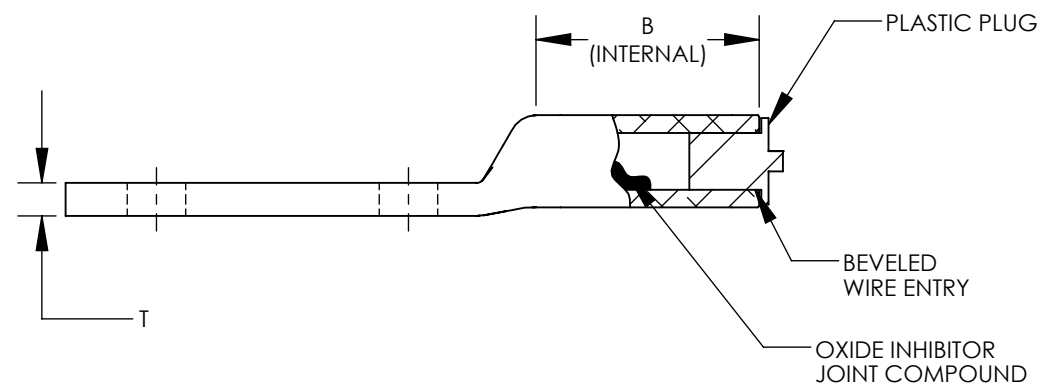
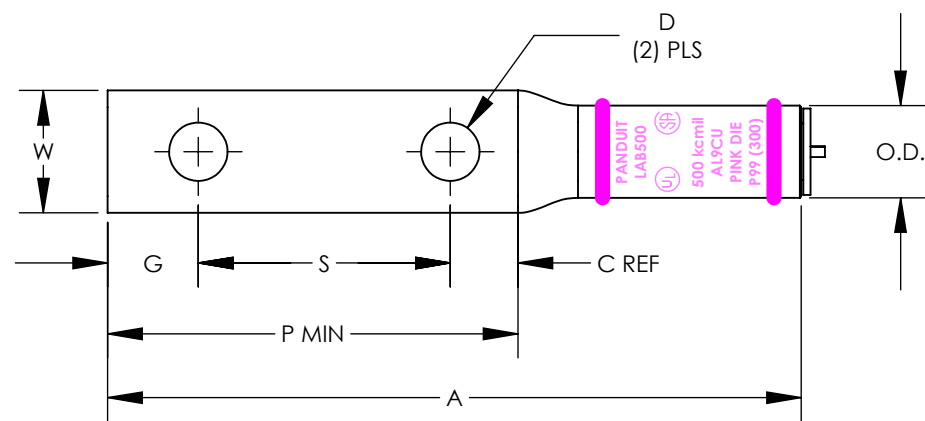
LAB600-12-2 Panduit Corp CONN TERM RECT TONG 600 MCM #1/2

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PANDUIT PART NUMBER	CONDUCTOR SIZE	STUD SIZE	OVERALL LENGTH "A" +/- .12	BARREL LENGTH "B" MIN	BARREL		TONGUE WIDTH "W" +/- .060	TONGUE THICKNESS "T" +/- .020	TONGUE LENGTH "P" MIN	HOLE OFFSET "G" +/- .031	STUD HOLE DIA "D" +/- .02	HOLE SPACING "S" +/- .04	WRENCH CLEARANCE "C" REF	WIRE STRIP LENGTH	PANDUIT DIE COLOR CODE PANDUIT DIE INDEX NUMBER (BURNDY DIE INDEX NUMBER)
					I.D. +/- .010	O.D. +/- .010									
LAB300-12-2	300 kcmil	1/2"	6.56	2.25	0.65	1.10	1.38	0.34	3.56	0.63	0.53	1.75	1.18	2-5/16"	BLUE DIE P76 (470)
LAB350-12-2R	350 kcmil	1/2"	6.56	2.31	0.72	1.11	1.52	0.38	3.56	0.63	0.53	1.75	1.18	2-5/16"	BROWN DIE P87(299)
LAB400-12-2	400 kcmil	1/2"	6.94	2.50	0.76	1.19	1.61	0.39	3.56	0.63	0.53	1.75	1.18	2-9/16"	GREEN DIE P94 (472)
LAB500-12-2R	500 kcmil	1/2"	7.31	3.00	0.84	1.32	1.74	0.45	3.56	0.63	0.53	1.75	1.18	3-1/16"	PINK DIE P99 (300)
LAB600-12-2	600 kcmil	1/2"	7.56	3.00	0.92	1.44	1.73	0.50	3.63	0.63	0.53	1.75	1.25	3-1/16"	BLACK DIE P106 (473)
LAB750-12-1R	750 kcmil	1/2"	8.25	3.44	1.03	1.59	1.74	0.54	3.63	0.63	0.53	1.75	1.25	3-7/16"	RED DIE P125 (301)
LAB800-12-1	800 kcmil	1/2"	8.31	3.38	1.06	1.66	1.75	0.59	3.63	0.63	0.53	1.75	1.25	3-7/16"	GRAY DIE P140 (474)
LAB1000-12-1	1000 kcmil	1/2"	9.73	4.50	1.19	1.84	2.56	0.63	3.63	0.63	0.53	1.75	1.25	4-3/4"	BROWN DIE P161 (302)

NOTES:

1. MATERIAL: SEAMLESS ALUMINUM TUBING, TIN PLATED
2. BARREL COLOR CODED WITH DIE SET INDEX NUMBER
3. WIRE TYPE:
COPPER CLASS B CONCENTRIC, COMPRESSED AND COMPACT STRANDED WIRE
COPPER CLASS C CONCENTRIC STRANDED WIRE
ALUMINUM CLASS B, CONCENTRIC, COMPRESSED AND UNIDIRECTIONAL LAY COMPACT STRANDED WIRE
4. UL LISTED & CSA CERTIFIED TEMPERATURE RATED 90° C (AL9CU)
5. UL LISTED & CSA CERTIFIED VOLTAGE RATING 35 KV
6. ALL DIMENSIONS IN INCHES



REV	DATE	BY	CHK	APR	DESCRIPTION	ECN
10	5/18	JHNU	JHNU	RGB	REVISED TONGUE WIDTH FOR LAB400-12-2: 1.61 WAS 1.66	N41152BA-C41152

TITLE LAB SERIES 300kcmil - 1000 kcmil ALUMINUM LUGS CUSTOMER DRAWING	
ITEM REVISION NAME	N41152BA-C41152/10
DATASET FILE NAME	C41152/10.SLDDRW
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN [mm] .X ± .XXX ± .XX ± ANGLES ±	
THIRD ANGLE PROJECTION	
DRAWN BY	MS
DATE	4/95
CHK	
SCALE	NONE
DRAWING NUMBER	C41152
SHEET 1 OF 1	SIZE B



SEE NOTES

