

# LAB4/0-12-5R Datasheet



DiGi Electronics Part Number	LAB4/0-12-5R-DG
Manufacturer	<a href="#">Panduit Corp</a>
Manufacturer Product Number	LAB4/0-12-5R
Description	ALUMINUM COMPRESSION LUG, 2 HOLE
Detailed Description	Terminal Connector Rectangular Lug, Grounding 4 /0 AWG 1/2 Stud

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This model LAB4/0-12-5R is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

LAB4/0-12-5R

Series:

LAB

Terminal Type:

Lug, Grounding

Terminal Style:

Two Stud Holes

Length - Overall:

-

Mounting Type:

Free Hanging (In-Line)

Wire Gauge:

4/0 AWG

Features:

-

Contact Finish:

Tin

Diameter - Barrel ID:

0.550" (13.97mm)

Diameter - Ring ID:

0.530" (13.46mm)

Manufacturer:

Panduit Corp

Product Status:

Discontinued at Digi-Key

Stud/Tab Size:

1/2 Stud

Tab Thickness:

0.310" (7.87mm)

Width - Outer Edges:

0.047" (1.19mm)

Termination:

Crimp

Insulation:

Non-Insulated

Color:

White

Contact Material:

Aluminum

Diameter - Barrel OD:

0.880" (22.35mm)

Base Product Number:

LAB4/0

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8536.90.4000

Moisture Sensitivity Level (MSL):

Not Applicable

ECCN:

EAR99

# PANDUIT® ELECTRICAL SOLUTIONS

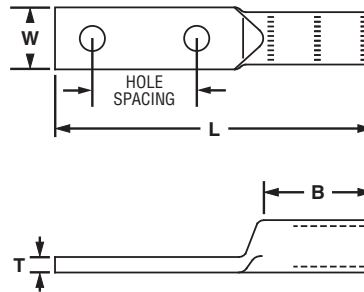


## Code Conductor, Two-Hole, Aluminum Lug

For Use with Stranded Aluminum or Copper Code Conductors

### Type LAB

- Manufactured from high conductivity thick wall wrought aluminum
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded end plug and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- Enclosed barrel prevents corrosive material from entering barrel when used in harsh environments
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV\*\* and temperature rated to 90°C when crimped with Panduit and specified competitor crimping tools and dies
- Available with NEMA hole sizes and spacing



Part Number	Aluminum or Copper Conductor Size	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Burdy Die Index No.‡	T&B Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
				W	B	T	L						
◆ LAB1/0-38-X	1/0 AWG	3/8	1.75	0.88	1.55	0.25	5.33	Tan	P50	296	50	1 9/16	10
◆ LAB2/0-12-5	2/0 AWG	1/2	1.75	0.94	1.55	0.25	5.55	Olive	P54	297	54	1 9/16	5
◆ LAB3/0-12-5	3/0 AWG	1/2	1.75	1.03	1.55	0.27	5.55	Ruby	P60	467	60	1 9/16	5
◆ LAB4/0-12-5	4/0 AWG	1/2	1.75	1.19	1.80	0.31	5.98	White	P66	298	66	1 3/4	5
◆ LAB250-12-5	250 kcmil	1/2	1.75	1.25	1.80	0.31	6.05	Red	P71	324	71	1 3/4	5
◆ LAB300-12-2	300 kcmil	1/2	1.75	1.36	2.30	0.34	6.61	Blue	P76	470	76	2 5/16	2
◆ LAB350-12-2	350 kcmil	1/2	1.75	1.50	2.30	0.38	6.61	Brown	P87	299	87	2 5/16	2
◆ LAB400-12-2	400 kcmil	1/2	1.75	1.66	2.55	0.38	6.92	Green	P94	472	94	2 9/16	2
◆ LAB500-12-2	500 kcmil	1/2	1.75	1.72	3.05	0.44	7.36	Pink	P99	300	99	3 1/16	2
◆ LAB600-12-2	600 kcmil	1/2	1.75	1.72	3.05	0.50	7.55	Black	P106	473	106	3 1/16	2
◆ LAB750-12-1	750 kcmil	1/2	1.75	1.72	3.42	0.56	7.31	Red	P125	301	115	3 7/16	1
◆ LAB800-12-1	800 kcmil	1/2	1.75	1.72	3.42	0.59	8.30	Gray	P140	474	125	3 7/16	1
◆ LAB1000-12-1	1000 kcmil	1/2	1.75	2.56	4.67	0.63	9.67	Brown	P161	302	161	4 3/4	1

‡See pages D3.84, D3.85 for tool and die information.

\*\*Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

See page D2.118 for Panduit joint compounds recommended for pad to pad and conductor connections.

◆NEMA hole sizes and spacing.

A. System Overview

B1. Cable Ties

B2. Cable Accessories

B3. Stainless Steel Ties

C1. Wiring Duct

C2. Surface Raceway

C3. Abrasion Protection

C4. Cable Management

D1. Terminals

D2. Power Connectors

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

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