





## Selection Guide – Pan-Lug™ Mechanical Connectors, Aluminum

1. Select Connector Type and Stud Hole Size Desired		2. Determine Conductor Size and then Select Panduit Part Number																																	
	Mechanical Connector Type	Stud Hole Size (In.)	Aluminum/Copper Code Conductor Size																																
			#14 AWG	#12 AWG	#10 AWG	#8 AWG	#6 AWG	#4 AWG	#2 AWG	#1 AWG	1/0 AWG	2/0 AWG	3/0 AWG	4/0 AWG	250 kcmil	300 kcmil	350 kcmil	500 kcmil	600 kcmil	750 kcmil	800 kcmil	1000 kcmil													
			Panduit Part Number																																
   	One Barrel, One-Hole LAMA	1/4	LAMA6-14-QY■			LAMA2-14-QY■			LAMA1/0-14-QY■			LAMA2/0-14-QY			LAMA1/0-56-Q■			LAMA250-56-QY			LAMA300-56-QY*			LAMA350-38-QY			LAMA500-38-6Y			LAMA600-38-6Y			LAMA600S-38-6Y‡*		
			5/16	LAMA250-56-QY			LAMA300-56-QY*			LAMA350-38-QY			LAMA500-38-6Y			LAMA600-38-6Y			LAMA600S-38-6Y‡*			LAMA1000-58-6Y*													
				3/8	LAMA500-38-6Y			LAMA600-38-6Y			LAMA600S-38-6Y‡*			LAMB350-12-6Y◆			LAMB600-12-3Y◆			LAMLB1000-12-3◆▲*															
			5/8		LAMB350-12-6Y◆			LAMB600-12-3Y◆			LAMLB1000-12-3◆▲*			LAMA2A1/0-14-6Y■			LAMA2A2/0-14-6Y			LAM2A250-38-6Y			LAM2A350-12-6Y			LAM6A600-12-6Y*			LAM2A1000-58-6Y*						
		1/2		LAMB350-12-6Y◆			LAMB600-12-3Y◆			LAMLB1000-12-3◆▲*			LAM2A1/0-14-6Y■			LAM2A2/0-14-6Y			LAM2A250-38-6Y			LAM2A350-12-6Y			LAM6A600-12-6Y*			LAM2A1000-58-6Y*							
			D2.142	Two Barrel, One-Hole LAM2A	1/4	LAM2A1/0-14-6Y■			LAM2A2/0-14-6Y			LAM2A250-38-6Y			LAM2A350-12-6Y			LAM6A600-12-6Y*			LAM2A1000-58-6Y*														
3/8	LAM2A250-38-6Y					LAM2A350-12-6Y			LAM6A600-12-6Y*			LAM2A1000-58-6Y*																							
	1/2	LAM2A350-12-6Y			LAM6A600-12-6Y*			LAM2A1000-58-6Y*																											
5/8		LAM6A600-12-6Y*			LAM2A1000-58-6Y*																														
	D2.143	Two Barrel, Two-Hole LAM2B	1/2	LAM2B350-12-3Y◆			LAM2LB600-12-3◆▲*			LAM2LB1000-12-3◆▲*																									
3/8				LAM2SB600-38-1Y*			LAM2SB750-38-1Y*			LAM2SSB500-141Y▲																									
	D2.144	Two Barrel, Two-Hole LAM2SB	1/4	LAM2SB600-38-1Y*			LAM2SB750-38-1Y*			LAM2SSB500-141Y▲																									
D2.144				Three Barrel, Two-Hole LAM3B	3/8	LAM3B1/0-38-6Y■			LAM3B3/0-12-3Y◆			LAM3B250-12-1Y◆			LAM3B350-12-1Y◆			LAM3LB600-12-1◆▲			LAM3LB1000-121Y▲◆														
	1/2	LAM3B3/0-12-3Y◆				LAM3B250-12-1Y◆			LAM3B350-12-1Y◆			LAM3LB600-12-1◆▲			LAM3LB1000-121Y▲◆																				
		3/8	LAM3D3/0-12-3Y◆			LAM3D250-12-1Y◆			LAM3D350-12-1Y◆			LAM3LD600-12-1◆▲			LAM3LD1000-121Y◆▲																				
	1/2		LAM3D250-12-1Y◆			LAM3D350-12-1Y◆			LAM3LD600-12-1◆▲			LAM3LD1000-121Y◆▲																							
D2.145		Three Barrel, Four-Hole LAM3D	1/2	LAM3D3/0-12-3Y◆			LAM3D250-12-1Y◆			LAM3D350-12-1Y◆			LAM3LD600-12-1◆▲			LAM3LD1000-121Y◆▲																			
	3/8			LAM3D250-12-1Y◆			LAM3D350-12-1Y◆			LAM3LD600-12-1◆▲			LAM3LD1000-121Y◆▲																						
D2.146		Four Barrel, Two-Hole LAM4SB	3/8	LAM4SB600-38-1Y			LAM4SB750-38-1Y			LAM4D250-12-1Y◆			LAM4D350-12-1Y◆			LAM4LD600-12-1◆▲			LAM4LD1000-12-1◆▲																
	1/2			LAM4SB600-38-1Y			LAM4SB750-38-1Y			LAM4D250-12-1Y◆			LAM4D350-12-1Y◆			LAM4LD600-12-1◆▲			LAM4LD1000-12-1◆▲																

‡LAMA600S-38-6 can also be used with (2) 250 kcmil-1/0 AWG conductors.  
 ◆NEMA hole sizes and spacing.  
 ■Uses slotted set screws.  
 ▲Uses double set screws.  
 Note: Use of Panduit oxide inhibiting joint compound CMP-100 is recommended for use with aluminum mechanical connectors.  
 \*UL Listed and CSA Certified.  
 †Not UL Listed or CSA Certified.

- 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

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

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E1. Labeling Systems

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E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

**UL LISTED** **Two-Hole, Single Barrel Lug**

**For Use with Stranded Aluminum or Copper Code Conductors**

**Type LAMB**

- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Compact design saves space
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- LAMLB provided with dual set screws for premium clamping of conductor to connector for heavy duty applications
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C
- Available with NEMA hole sizes and spacing

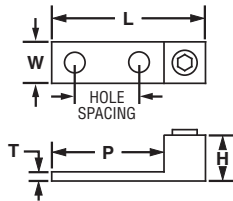


Figure 1

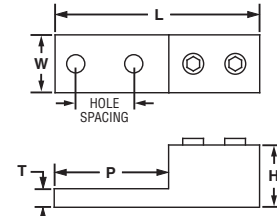


Figure 2

Part Number	Figure No.	Conductor Size Range	Stud Hole Size (In.)	Stud Hole Spacing (In.)	Hex Key Size (In.)	Figure Dimensions (In.)					Std. Pkg. Qty.
						L	W	H	T	P	
◆ LAMB350-12-6Y	1	#6 AWG – 350 kcmil	1/2	1.75	5/16	4.19	1.13	1.28	0.28	3.05	6
◆ LAMB600-12-3Y	1	#2 AWG – 600 kcmil	1/2	1.75	1/2	4.69	1.60	1.57	0.44	3.31	3
◆ LAMLB1000-12-3*	2	500 – 1000 kcmil	1/2	1.75	1/2	6.19	1.63	1.88	0.56	3.44	3

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.155.

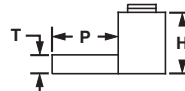
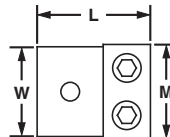
\*UL Listed and CSA Certified.  
uNEMA hole sizes and spacing.

**UL LISTED** **One-Hole, Two-Barrel Lug**

**For Use with Stranded Aluminum or Copper Code Conductors**

**Type LAM2A**

- Dual barrel provides termination of two conductors
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- Inspection window to visually assure full conductor insertion
- Plated steel or aluminum set screw provides high strength, durable electrical contact between conductor and connector
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C
- Available with NEMA hole sizes and spacing



Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions (In.)						Std. Pkg. Qty.
				L	W	H	T	P	M	
<b>LAM2A1/0-14-6Y</b>	#14 AWG – 1/0 AWG	1/4	**	1.47	1.13	0.78	0.19	0.85	1.13	6
<b>LAM2A2/0-14-6Y</b>	#14 AWG – 2/0 AWG	1/4	3/16	1.47	1.20	0.78	0.19	0.85	1.20	6
<b>LAM2A250-38-6Y</b>	#6 AWG – 250 kcmil	3/8	3/8	2.56	1.50	1.19	0.25	1.56	1.64	6
<b>LAM2A350-12-6Y</b>	#6 AWG – 350 kcmil	1/2	5/16	2.87	1.73	1.25	0.25	1.74	1.91	6
<b>LAM2A600-12-6Y*</b>	#2 AWG – 600 kcmil	1/2	3/8	3.19	2.00	1.56	0.44	1.81	2.38	6
<b>LAM2A1000-58-6Y*</b>	500 kcmil – 1000 kcmil	5/8	3/8	3.50	3.50	1.94	0.50	1.88	3.50	6

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.155.

\*UL Listed and CSA Certified.

\*\*Uses slotted head set screw.

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JP4SBC50-X20	C4.5
JP4SBC50R-X20	C4.5
JP4SBC87-X20	C4.5
JP4SBC87R-X20	C4.5
JP4UF100-X20	C4.6
JP4W-X20	C4.4
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Cable Ties

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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.  
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E2.  
Labels

E3.  
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& Write-On  
Markers

E4.  
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Identification

E5.  
Lockout/  
Tagout  
& Safety  
Solutions

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