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Part Number System for Pan-Lug™ Compression AWG Lugs

LCD

Type

2/0

Conductor
Size

38

Stud Hole
Size

D

Two Stud
Hole Spacing

F

Tongue Angle

X

Standard Package Size

Ex: LCD Lug, Copper
Two-Hole
Standard Barrel

10 = #10

14 = 1/4"

56 = 5/16"

38 = 3/8"

12 = 1/2"

58 = 5/8"

34 = 3/4"

78 = 7/8"

00 = Blank Tongue*

* LCA, LCC
and LCD
styles only

A = .625"

B = .750"

C = .875"

D = 1.0"

E = 1.25"

G = 1.5"

J = .5"

K = 2"

M = 1.375"

P = .688"

Q = 1.125"

No Letter = 1.75"

H = 45° Angle

F = 90° Angle

No Letter = Straight

1 = 1

2 = 2

3 = 3

5 = 5

6 = 6

X = 10

E = 20

Q = 25

L = 50

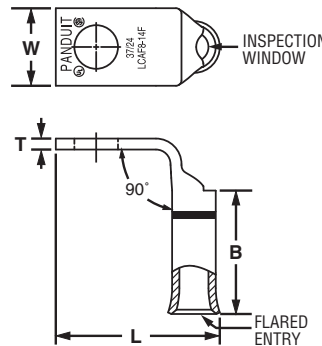


Flex Conductor, One-Hole, Standard Barrel with Window, Flared NEBS Lug, 90° Angle

For Use with Flexible and Extra-Flexible Copper Conductors

Type LCAF-F

- Can be used with flex conductor class: K, M, and Diesel Locomotive
- Flared entry prevents bent back strands when inserting fine strand conductor into barrel
- Color-coded barrels marked with Panduit die index numbers for proper crimp die selection
- Inspection window to visually assure full conductor insertion
- Tin-plated to inhibit corrosion
- UL Listed and CSA Certified to 35 KV** and temperature rated to 90°C when crimped with Panduit crimping tools and dies
- **Tested by Telcordia – meets NEBS Level 3**
- American Bureau of Shipping Approved



Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive		W	B	T	L				
LCAF8-10F-L	—	#8 AWG	#10	0.41	0.76	0.08	0.93	Red	P21	13/16	50
LCAF8-14F-L			1/4	0.48	0.76	0.07	1.02	Red	P21	13/16	50
LCAF8-56F-L			5/16	0.56	0.76	0.05	1.14	Red	P21	13/16	50
LCAF8-38F-L			3/8	0.60	0.76	0.05	1.24	Red	P21	13/16	50
LCAF6-10F-L	#6 AWG	#6 AWG	#10	0.45	0.81	0.09	1.52	Blue	P24	7/8	50
LCAF6-14F-L			1/4	0.48	0.81	0.08	1.06	Blue	P24	7/8	50
LCAF6-56F-L			5/16	0.56	0.81	0.07	1.18	Blue	P24	7/8	50
LCAF6-38F-L			3/8	0.62	0.81	0.06	1.28	Blue	P24	7/8	50
LCAF4-10F-L	#4 AWG	#4 AWG	#10	0.55	0.81	0.09	1.07	Gray	P29	7/8	50
LCAF4-14F-L			1/4	0.55	0.81	0.09	1.16	Gray	P29	7/8	50
LCAF4-56F-L			5/16	0.55	0.81	0.09	1.28	Gray	P29	7/8	50
LCAF4-38F-L			3/8	0.62	0.81	0.07	1.38	Gray	P29	7/8	50
LCAF2-14F-E	#2 AWG	#2 AWG	1/4	0.70	0.88	0.11	1.35	Brown	P33	15/16	20
LCAF2-56F-E			5/16	0.70	0.88	0.11	1.48	Brown	P33	15/16	20
LCAF2-38F-E			3/8	0.70	0.88	0.11	1.55	Brown	P33	15/16	20
LCAF2-12F-E			1/2	0.79	0.88	0.09	1.79	Brown	P33	15/16	20
LCAF1-14F-X	#1 AWG	#1 AWG	1/4	0.76	0.94	0.12	1.49	Pink	P42	1	10
LCAF1-56F-X			5/16	0.76	0.94	0.12	1.54	Pink	P42	1	10
LCAF1-38F-X			3/8	0.76	0.94	0.12	1.62	Pink	P42	1	10
LCAF1-12F-X			1/2	0.80	0.94	0.12	1.85	Pink	P42	1	10
LCAF1/0-14F-X	1/0 AWG	1/0 AWG	1/4	0.85	1.35	0.13	1.64	Black	P45	1 7/16	10
LCAF1/0-56F-X			5/16	0.85	1.35	0.13	1.70	Black	P45	1 7/16	10
LCAF1/0-38F-X			3/8	0.85	1.35	0.13	1.70	Black	P45	1 7/16	10
LCAF1/0-12F-X			1/2	0.85	1.35	0.13	1.95	Black	P45	1 7/16	10

‡See pages D3.74, D3.75 for tool and die information.

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

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Part Number	Flex Conductor Size		Stud Hole Size (In.)	Figure Dimensions (In.)				Panduit Color Code	Panduit Die Index No.‡	Wire Strip Length (In.)	Std. Pkg. Qty.
	Class K and M	Diesel Locomotive		W	B	T	L				
LCAF2/0-14F-X	2/0 AWG	2/0 AWG	1/4	0.96	1.35	0.13	1.71	Orange	P50	1 7/16	10
LCAF2/0-56F-X			5/16	0.96	1.35	0.13	1.71	Orange	P50	1 7/16	10
LCAF2/0-38F-X			3/8	0.96	1.35	0.13	1.77	Orange	P50	1 7/16	10
LCAF2/0-12F-X	3/0 AWG	3/0 AWG	1/2	0.96	1.35	0.13	2.02	Orange	P50	1 7/16	10
LCAF3/0-14F-X			1/4	1.06	1.35	0.14	1.81	Purple	P54	1 7/16	10
LCAF3/0-56F-X			5/16	1.06	1.35	0.14	1.82	Purple	P54	1 7/16	10
LCAF3/0-38F-X	4/0 AWG	4/0 AWG	3/8	1.06	1.35	0.14	1.89	Purple	P54	1 7/16	10
LCAF3/0-12F-X			1/2	1.06	1.35	0.14	2.12	Purple	P54	1 7/16	10
LCAF4/0-14F-X			1/4	1.17	1.35	0.14	1.88	Yellow	P62	1 7/16	10
LCAF4/0-56F-X	4/0 AWG	4/0 AWG	5/16	1.17	1.35	0.14	1.90	Yellow	P62	1 7/16	10
LCAF4/0-38F-X			3/8	1.17	1.35	0.14	1.97	Yellow	P62	1 7/16	10
LCAF4/0-12F-X			1/2	1.17	1.35	0.14	2.20	Yellow	P62	1 7/16	10
LCAF250-38F-X	250 kcmil	262.6 kcmil	3/8	1.28	1.65	0.17	2.21	White	P66	1 3/4	10
LCAF250-12F-X			1/2	1.28	1.65	0.17	2.32	White	P66	1 3/4	10
LCAF250-58F-X			5/8	1.28	1.65	0.17	2.53	White	P66	1 3/4	10
LCAF250-78F-X	300 kcmil	313.1 kcmil	7/8	1.28	1.65	0.17	2.97	White	P66	1 3/4	10
LCAF300-38F-6			3/8	1.39	1.65	0.18	2.44	Red	P71	1 3/4	6
LCAF300-12F-6			1/2	1.39	1.65	0.18	2.44	Red	P71	1 3/4	6
LCAF300-58F-6	350 kcmil	373.7 kcmil	5/8	1.39	1.65	0.18	2.65	Red	P71	1 3/4	6
LCAF300-78F-6			7/8	1.39	1.65	0.18	3.04	Red	P71	1 3/4	6
LCAF350-38F-6			3/8	1.54	1.85	0.22	2.40	Blue	P76	1 15/16	6
LCAF350-12F-6	400 kcmil	444.4 kcmil	1/2	1.54	1.85	0.22	2.40	Blue	P76	1 15/16	6
LCAF350-58F-6			5/8	1.54	1.85	0.22	2.77	Blue	P76	1 15/16	6
LCAF350-34F-6			3/4	1.54	1.85	0.22	2.91	Blue	P76	1 15/16	6
LCAF350-78F-6	400 kcmil	444.4 kcmil	7/8	1.54	1.85	0.22	3.16	Blue	P76	1 15/16	6
LCAF350-1F-6			1	1.54	1.85	0.22	3.28	Blue	P76	1 15/16	6
LCAF400-12F-6			1/2	1.70	2.20	0.26	3.28	Brown	P87	2 1/4	6
LCAF400-58F-6	400 kcmil	444.4 kcmil	5/8	1.70	2.20	0.26	3.28	Brown	P87	2 1/4	6
LCAF400-78F-6			7/8	1.70	2.20	0.26	3.28	Brown	P87	2 1/4	6

‡See pages D3.74, D3.75 for tool and die information.

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For use with Copper Conductors

Installation Tooling and Die Selections for: Types LCAF, LCCF, and SCSF

How to read this chart

For LCAF6 Lug and CT-2931 crimping tool:



Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)

CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-920, CT-920CH, CT-2920, CT-940CH, CT-2940, CT-2940/L, CT-2940/LE

Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)

Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)	
				for LCAF, SCSF Parts	for LCCF Parts
LCAF8 LCCF8 SCSF8	#8 AWG	Locomotive (DLO)	13/16 11/16	CD-920-8 Red P21 (1)	
LCAF6 LCCF6 SCSF6	#6 AWG	K, M, Locomotive (DLO)	7/8 1-5/16 13/16	CD-920-6 Blue P24 (1)	CD-920-6 Blue P24 (2)
LCAF4 LCCF4 SCSF4	#4 AWG	K, M, Locomotive (DLO)	7/8 1-5/16 13/16	CD-920-4 Gray P29 (1)	CD-920-4 Gray P29 (2)
LCAF2 LCCF2 SCSF2	#2 AWG	K, M, Locomotive (DLO)	15/16 1-7/16 7/8	CD-920-2 Brown P33 (1)	CD-920-2 Brown P33 (2)
LCAF1 LCCF1 SCSF1	#1 AWG	K, M, Locomotive (DLO)	1 1-1/2 7/8	CD-920-1/0 Pink P42 (1)	CD-920-1/0 Pink P42 (2)
LCAF1/0 LCCF1/0 SCSF1/0	1/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16	CD-920-2/0 Black P45 (2)	
LCAF2/0 LCCF2/0 SCSF2/0	2/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-9/16 1-3/16	CD-920-3/0 Orange P50 (2)	
LCAF3/0 LCCF3/0 SCSF3/0	3/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-5/8 1-3/16	CD-920-4/0 Purple P54 (2)	
LCAF4/0 LCCF4/0 SCSF4/0	4/0 AWG	K, M, Locomotive (DLO)	1-7/16 1-11/16 1-3/16	CD-920-250 Yellow P62 (2)	

① CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

For use with
Copper
Conductors

Installation Tooling and Die Selections for: Types LCAF, LCCF, and SCSF (continued)

				Panduit (See Compression Connector Tools Selection Guide, Pages D3.34 – D3.36)	
				CT-930, CT-930CH, CT-2930, CT-2930/L, CT-2930/LE, CT-2931, CT-920, CT-920CH, CT-2920, CT-940CH ^① , CT-2940 ^① , CT-2940/L ^① , CT-2940/LE ^①	
				Die Part Number/Color Code and Die Index Number/ (Number Of Crimps)	
Panduit Part Number	Std. Wire Size	Cable Classes	Wire Strip Length (In.)	for LCAF, SCSF Parts	for LCCF Parts
L = Lug S = Splice					
LCAF250	250 kcmil 262.6 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-300 White P66 (2)	CD-920-300 White P66 (3)
LCCF250			2-5/16		
SCSF250			1-3/16		
LCAF300	300 kcmil 313.1 kcmil	K, M, Locomotive (DLO)	1-3/4	CD-920-350 Red P71 (2)	CD-920-350 Red P71 (3)
LCCF300			2-3/8		
SCSF300			1-1/4		
LCAF350	350 kcmil 373.7 kcmil	K, M, Locomotive (DLO)	1-15/16	CD-920-400 Blue P76 (2)	CD-920-400 Blue P76 (3)
LCCF350			2-9/16		
SCSF350			1-1/2		
LCAF400	400 kcmil 444.4 kcmil	K, M, Locomotive (DLO)	2-1/4	CD-920-500 Brown P87 (2)	CD-920-500 Brown P87 (3)
LCCF400			2-3/4		
SCSF400			1-11/16		
LCAF500	500 kcmil 535.3 kcmil	K, M, Locomotive (DLO)	2-5/16	CD-920-500A Pink P99 (2)	CD-920-500A Pink P99 (3)
LCCF500			2-15/16		
SCSF500			1-5/8		
LCAF600 ^③	646.4 kcmil	Locomotive (DLO)	2-3/8	CD-920-750 Black P106 (2)	CD-920-750 Black P106 (3)
LCCF600 ^③			3		
SCSF600 ^③			1-5/8		
LCAF750 ^③	777.7 kcmil	Locomotive (DLO)	2-7/16	CD-940-800 ^② Orange P107 (2)	CD-940-800 ^② Orange P107 (4)
LCCF750 ^③			3-1/16		
SCSF750 ^③			1-5/8		

① CD-920 dies can be used with CT-940CH and CT-2940 tools with CD-940-DA adapter.

② CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.

③ Can only be crimped with CT-940CH and CT-2940 tools.

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