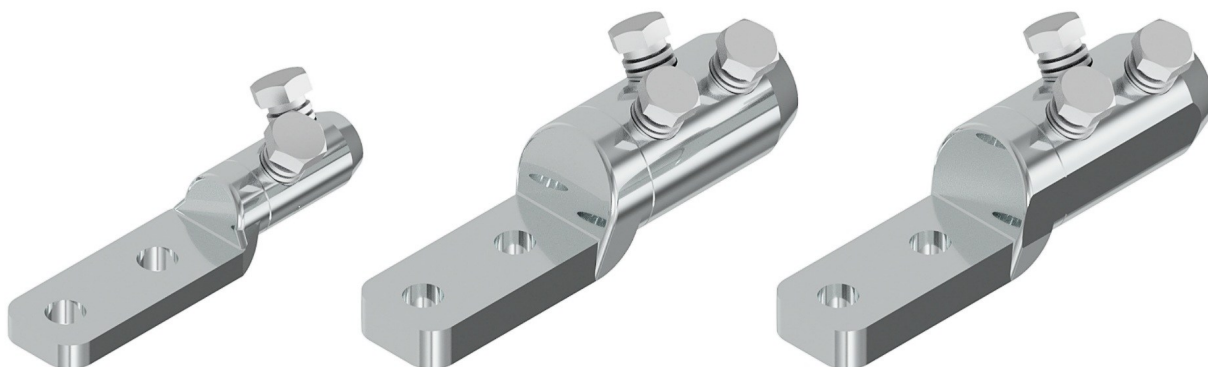


Mechanical termination
with moisture / contaminant
block

MECHANICAL CONNECTORS

LVML/x-2H Aluminium Connectors



Principle Application:

Termination of circular stranded aluminium or copper conductors.

Range:

Product Reference (Part Number)	Stranded Core Size		Stud Size
	Min	Max	
LVML/1-2H (51908-59)	#2 (34mm ²) 0.292"Ø	250 kcmil (127mm ²) 0.575"Ø	2 x 1/2"
LVML/2-2H (51908-61)	4/0 (107mm ²) 0.522"Ø	500 kcmil (253mm ²) 0.811"Ø	2 x 1/2"
LVML/3-2H (51908-62)	500 kcmil (253mm ²) 0.811"Ø	1000 kcmil (507mm ²) 1.152"Ø	2 x 1/2"
LVML/3A-2H (51908-63)			

The 'LVML/x-2H' range of NEMA 2-hole pad mechanical terminations are machined from high grade aluminium alloy bar to provide a solid 'block' to prevent any external migration of moisture to the cable core.

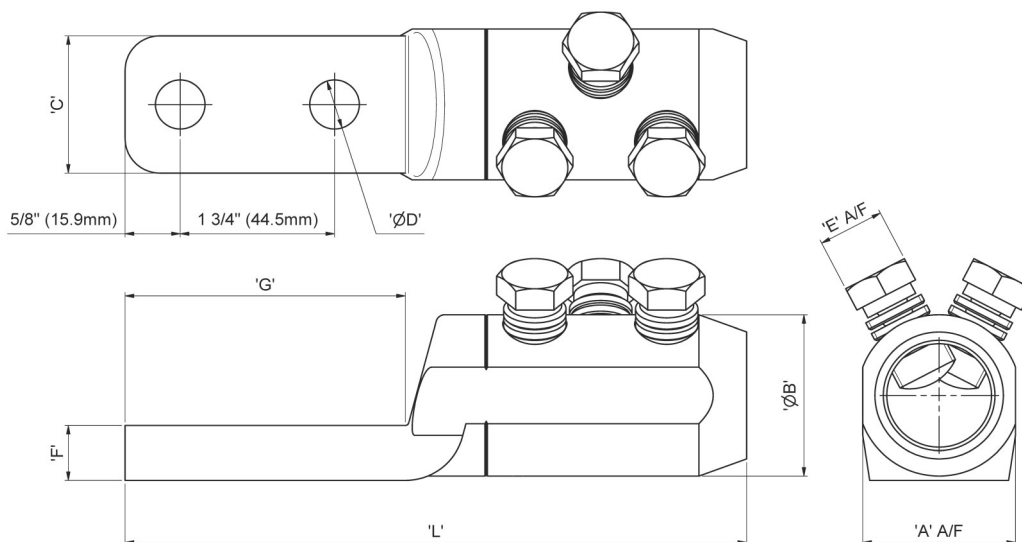
The product utilises the patented fully range-taking Mk3 universal shear screws to ensure a good, consistent mechanical and electrical connection onto the cable core.

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MECHANICAL CONNECTORS

LVML/x-2H Aluminium Connectors

Physical Dimensions:



Connector Reference (Part Number)	Dimensions							
	'L'	'A'	'ØB'	'C'	'ØD'	'ØE'	'F'	'G'
LVML/1-2H (51908-59)	5.86" (149mm)	N/A	1.10" (28mm)	1.41" (36mm)	0.56" (14.3mm)	3/4" (19mm)	3/8" (10mm)	3.29" (83.7mm)
LVML/2-2H (51908-61)	6.06" (154mm)	N/A	1.33" (34mm)	1.57" (40mm)	0.56" (14.3mm)	3/4" (19mm)	7/16" (11mm)	3.18" (80.7mm)
LVML/3-2H (51908-62)	7.04" (179mm)	N/A	1.85" (47mm)	1.57" (40mm)	0.56" (14.3mm)	3/4" (19mm)	5/8" (16mm)	3.18" (80.7mm)
LVML/3A-2H (51908-63)		1.73" (44mm)						

Material: Aluminium Alloy

Test Specification: Designed to meet the requirements of ANSI C119.4
Class 2 Partial Tension / IEEE 404

Test Report No: 274

Fitting Instructions:

1. Strip the insulation from the core equal to the depth of the bore.
2. Wire brush the exposed conductor core and wipe clean.
3. Align and position the conductor core into the bore ensuring that the core is fully Inserted.
4. Hand tighten the universal shear screws using a standard socket tool and then torque tighten one turn at a time until the bolts have sheared.

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Sicame UK Ltd operates a continuous product design development and improvement programme and offers active co-operation establishing satisfactory procedures and systems to meet new or unusual jointing situations. The company reserves the right to introduce modifications to the above designs and specifications without prior notice.

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JULY 2026