

Molex Wire-To-Board Connectors

Product Name	Pitch (mm)	Current (Max)	Wire Size	Voltage (Max.)	Plating	Glow Wire	TPA Retainer	Termination Interface
Lite-Trap	4.00mm	Mini and Vertical Entry 3A Standard and Bottom entry 9A	Ranging from 18 to 26 AWG for all types in Lite-Trap	Standard 300V Mini 160V Bottom Entry 320V Vertical Entry 431V	Tin	No	No	SMT
SolderRight	N/A	23.0A	14 to 28 AWG	N/A	Tin	Yes	No	Board Mount
Pico-Clasp	1.00mm	1.0A	28 to 32 AWG	50V	Tin, Gold	No	No	SMT
Pico-Lock	1.50mm (Max)	3.0A	24 to 32 AWG	150V	Tin, Gold	No	No	SMT
Pico-EZmate	1.20mm	1.5A	28 to 30 AWG	50V	Gold	No	No	SMT
PicoBlade	1.25mm	2.5A - 2 circuits, 26 AWG	26 to 32 AWG	125V	Tin, Gold	No	No	SMT, Through Hole
Pico-Lock	1.50mm	3.0A	24 to 32 AWG	150V	Gold over Nickel	No	No	SMT
Micro-Lock Plus	1.25, 1.50, 2.00mm	3.0A	22 to 32 AWG	250V	Tin-Bismuth, Gold	No	No	SMT
CLIK-Mate	1.25, 1.50, 2.00mm	2.0mm Pitch - 3.0A 1.5mm Pitch - 2.0A 1.25mm Pitch - 1.0A	22 to 30 AWG	2.0mm Pitch - 250V 1.5mm Pitch - 100V 1.25mm Pitch - 50V	Tin, Gold	No	No	SMT
Pico-SPOX	1.50mm	2.5A	24 to 30 AWG	250V	Tin, Gold	No	No	SMT
Board-in	1.25, 2.00, 4.0mm	5.0A	18 to 32 AWG	250V	Tin	No	No	Board In
iGrid	2.00mm	2.0A	22 to 28 AWG	250V	Tin, Gold	No	No	Through Hole
EdgeLock	2.00mm	3.0A	22 to 24 AWG	125V	Tin	No	No	Straddle Mount Edge Card
Micro-Lock Plus	1.25, 2.00mm	3.0A	22 to 30 AWG	250V	Tin, Gold	No	No	SMT
Micro-Latch	2.00mm	2.5A	22 to 30 AWG	125V	Tin	No	No	Through Hole
Milli-Grid	2.00mm	2.0A	22 to 30 AWG	125V	Tin, Gold	No	No	SMT, Through Hole
Mini-Lock	2.50mm	3.5A	20 to 28 AWG	250V	Tin	No	Yes	Through Hole
Mini-SPOX	2.50mm	3.0A	22 to 28 AWG	250V	Tin	No	No	Through Hole

Molex Wire-To-Board Connectors

Product Name	Pitch (mm)	Current (Max)	Wire Size	Voltage (Max.)	Plating	Glow Wire	TPA Retainer	Termination Interface
Nano-Fit	2.50mm	6.5A	20 to 26 AWG	250V	Tin, Gold	Yes	Yes	SMT, Through Hole
SL	2.54mm	3.0A	22 to 36 AWG	250V	Tin, Gold	No	Yes	SMT, Through Hole, CPI
KK 254	2.54mm	4.0A	22 to 30 AWG	250V	Tin, Gold	No	No	Through Hole
Micro-Fit	3.00mm	8.5A	18 to 30 AWG	600V	Tin, Gold	Yes	Yes	SMT, Through Hole, CPI
Ultra-Fit	3.50mm	14.0A	16 to 22 AWG	400V	Tin, Gold	Yes	Yes	Through Hole
EdgeMate	3.96mm	7.0A	18 to 20 AWG	250V	Tin, Gold	Yes	No	Edge
KK 396	3.96mm	7.0A (Standard Terminal)	18 to 26 AWG	250V (Standard Terminal) 600V (MarkK Terminal)	Tin, Gold	Yes	No	Through Hole
KK 396	3.96mm	13.0A (MarkK Terminal)	18 to 26 AWG	600V (MarkK Terminal)	Tin, Gold	Yes	No	Through Hole
Mini-Fit	4.20mm	13.0A	16 to 28 AWG	600V	Tin, Gold	Yes	Yes	SMT, Through Hole, CPI
KK 508	5.08mm	7.0A	18 to 26 AWG	250V	Tin, Gold	Yes	No	Through Hole
Mega-Fit	5.70mm	23.0A	12 to 16 AWG	600V	Tin, Gold	Yes	Yes	Through Hole
MLX	6.35mm	20.0A	14 to 24 AWG	600V	Tin, Tin Lead, Gold	Yes	No	Through Hole
CP-6.5	6.5mm	10.0A	16 to 26 AWG	600V	Tin	No	Yes	SMT, Through Hole
Standard .093	6.70mm	3.0A	22 to 24 AWG	125V	Tin	No	No	Through Hole
Sabre	7.50mm	18.0A	14 to 20 AWG	600V	Tin, Gold	Yes	No	Through Hole
Mini-Fit Sr.	10.00mm	50.0A	10 to 16 AWG	600V	Silver, Tin, Gold	No	Yes	Through Hole



www.molex.com/wiretoboard

Molex is a registered trademark of Molex, LLC in the United States of America and may be registered in other countries; all other trademarks listed herein belong to their respective owners.