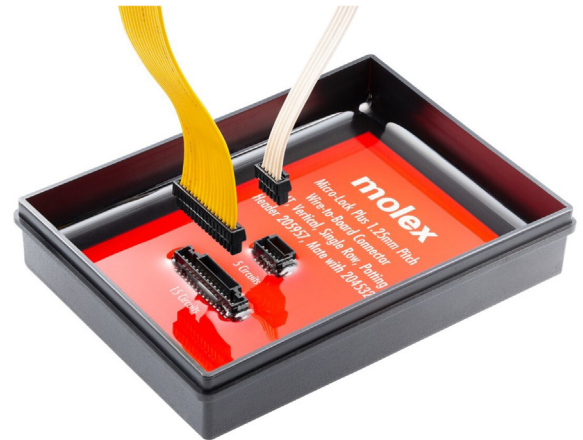




POTTING-CAPABLE LOW-POWER AND SIGNAL VERTICAL HEADERS >

PCB potting is an excellent option for applications needing reliable resistance to humidity, shock, vibration, impacts, abrasion, heat and/or chemicals. Potting provides moisture-tight protection from the external environment, while still allowing sufficient clearance below the latch area to ensure proper mating connector retention and latching. Molex offers a versatile range of potting-capable low-power and signal vertical PCB headers ideal for numerous applications.



Potting compound around the PCB header hardens to create a solid barrier, which gives the PCB header additional strain relief to enhance reliability.

Potting materials expand and contract in response to heat shock conditions during device operation, lowering overall stress on solder joints.

Potting resin provides surface-to-surface coverage—filling the area around the rear of the PCB header attachment point that would otherwise remain open and sealing the rear of the connector from moisture, corrosion and dust ingress.

Potting is often a good choice for electrical and electronic component devices, as it can provide added overall protection while helping to protect various PCB components against electrical arcs.

Molex offers specific connector series with a uniquely drain hole-free design that will not interfere with the electrical connection.

POTTING-CAPABLE LOW-POWER AND SIGNAL VERTICAL HEADERS >

Choose from the potting-capable product families shown in the table below. Heights indicated are measured from the surface of the printed circuit board (PCB). For additional information, please review the application specifications.

PRODUCT FAMILY	PITCH (MM)	SERIES NUMBERS	POTTING HEIGHT MAXIMUM (MM)	POTTING APPLICATION SPECIFICATION
Micro-Lock Plus Connectors	1.25	205957 , 207760	3.00	See Specification
Spot-On Connectors	1.50	201648 , 201645 , 201646	5.00	See Specification
	2.0	201201 , 201197	7.00	See Specification
Micro-One Connectors	2.0	217063	7.00	See Specification
Mini-Lock Connectors	2.50	53517	6.00	See Specification
Nano-Fit Connectors	2.50	105312 , 105310	4.00	See Specification
Micro-Fit Connectors	3.0	44432	4.10	See Specification
Micro-Fit+ Connectors	3.0	206832	3.45	See Specification
CP Connectors	3.00	212210	7.50	See Specification
Ultra-Fit Connectors	3.50	172299 , 172298	6.55	See Specification
Mini-Fit Connectors	4.20	5566 , 172447	5.50	See Specification
Mini-Fit Max Connectors	4.20	212520	6.67	See Specification
Mega-Fit Connectors	5.70	76829 , 172065	7.26	See Specification