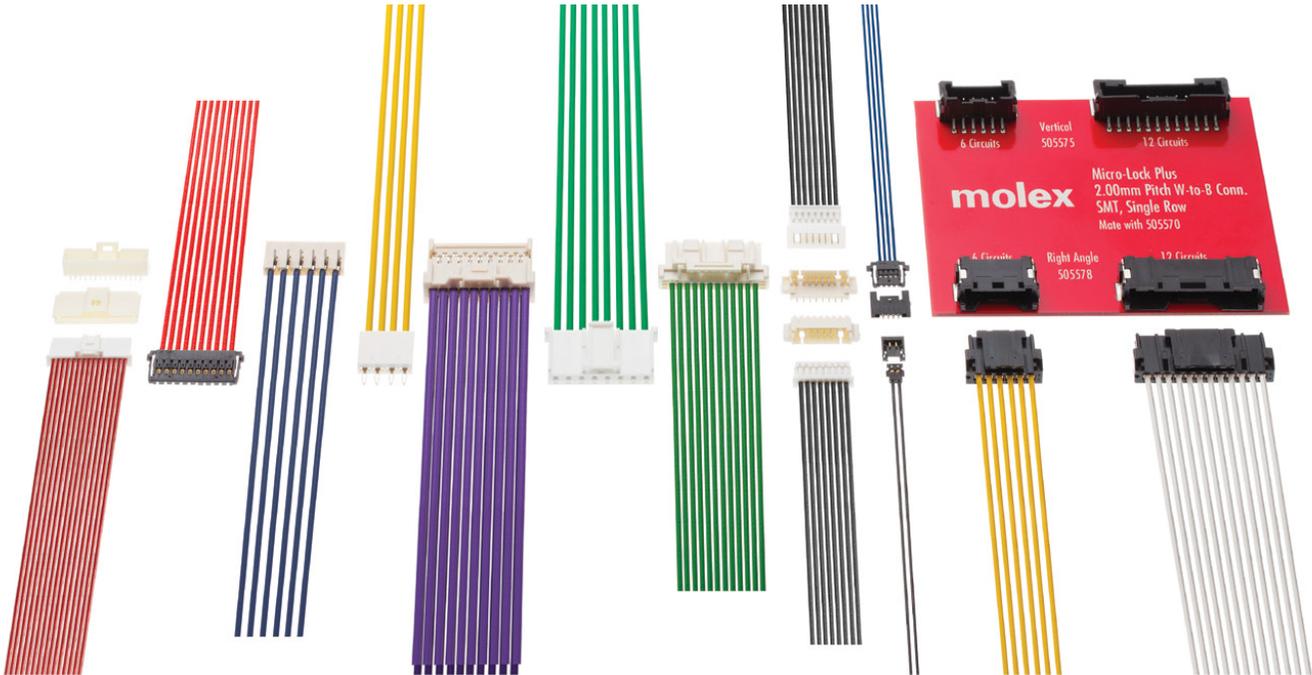


WIRE-TO-BOARD SIGNAL CORE PRODUCTS

0.80-2.50MM
PITCH CONNECTORS



molex

CORE SIGNAL CONNECTORS

0.80-2.50MM PITCH



COMMON FEATURES AND ADVANTAGES



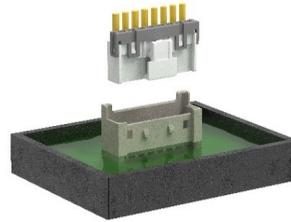
FRICTION LOCK

Provides a convenient locking mechanism and maintains a small connector footprint



POSITIVE LOCK

Helps ensure mated connector assemblies will not accidentally disengage; indicate to the operator through and audible click that the part is fully mated



POTTING

Offers an excellent option for applications that require high resistance to vibration, impacts, abrasion, heat and/or chemicals

Provides protection against electrical arcs, and used for high-voltage electrical devices



LOW PROFILE

Offers easy-to-use connector solutions in a slim, low profile package

Provides space savings on the PCB and in various applications



TPA RETAINER

Helps ensure terminals are fully seated in the proper position of their housing

Improves the quality of assembly and can therefore save on costs

↔ BASIC

	OneBlade	PicoBlade	Pico-SPOX	Micro-Latch	Milli-Grid	Mini-SPOX
Pitch	1.00mm	1.25mm	1.50mm	2.00mm	2.00mm	2.50mm
Circuit Size	2 to 8	2 to 15	2 to 15	2 to 15	2 to 10 (single) 2 to 50 (dual)	2 to 15
Current (max.)	2.5A	2.5A	3.5A	4.5A	4.5A	4.0A
Voltage (max.)	100V	125V	250V	250V	125V	250V
Wire (AWG)	28 to 32	26 to 32	24 to 30	22 to 30	24 to 30	22 to 28
Through Hole (TH) or SMT	SMT	TH/SMT	SMT	TH	TH/SMT	TH
Orientation	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle
UL	Yes (Qualification in process)	Yes	Yes	Yes	Yes	Yes



CORE SIGNAL CONNECTORS

0.80-2.50MM PITCH



↑ ENHANCED

	Pico-Clasp	Micro-Lock Plus 1.25mm	CLIK-Mate	Micro-Lock Plus 2.00mm	iGrid	Mini-Lock
Pitch	1.00mm	1.25mm	1.50mm	2.00mm	2.00mm	2.50mm
Circuit Size	2 to 15 (single) 20, 30 and 40 (dual)	2 to 16 (single) 8 to 42 (dual)	2 to 15 (single) 8 to 34 (vertical) 8 to 26 (right angle)	2 to 16	10 to 40	2 to 15
Current (max.)	2.0A	3.6A	3.0A	4.7A	3.0A	5.0A
Voltage (max.)	100V	50V	100V	250V	250V	250V
Wire (AWG)	28 to 32	26 to 30	24 to 30	22 to 26	22 to 28	20 to 26
Through Hole (TH) or SMT	SMT	SMT	TH/SMT	SMT	TH	TH/SMT
Orientation	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle	Vertical/Right Angle
UL	Yes	Yes	Yes	Yes	Yes	Yes

+ PRO



	Zero-Hachi	Pico-Lock 1.00mm	Pico-EZmate Plus	Pico-EZmate	Pico-Lock 1.50mm	Pico-Lock 2.00mm	Micro-One
Pitch	0.80mm	1.00mm	1.00mm	1.20mm	1.50mm	2.00mm	2.00mm
Circuit Size	2 to 20	2 to 6	2 to 6	2 to 6	2 to 12	2 to 6	2 to 8
Current (max.)	2.5A	2.5A	2.8A	2.5A	3.5A	6.5A	3.0A
Voltage (max.)	30V	150V	50V	50V	150V	250V	250V
Wire (AWG)	28 to 32	28 to 30	28 to 30	28 to 30	24 to 32	20 to 26	22 to 28
Through Hole (TH) or SMT	SMT	SMT	SMT	SMT	SMT	SMT	SMT
Orientation	Right Angle	Right Angle	Top down	Top down	Right Angle	Right Angle	Vertical/Right Angle
UL	Yes (Qualification in process)	Yes	Yes	Yes	Yes	Yes	Yes



www.molex.com/link/wtb_signal.html

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