Power and Signal Connectors for HVAC Applications

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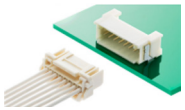
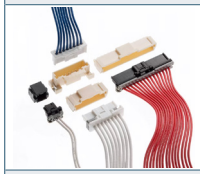
Product Family	Centerline	Current Rating (max.)	Voltage Rating	Wire Gauge	Circuit Sizes	Configuration	Colors	Keys	TPA Option	Single Row/ Double Row	Operating Temp (max.)	Plating Option	Glow Wire Capable	Key Features
Micro-One														
	2.00mm	4.0A	250V	22 to 28 AWG	2 to 8	Wire-to-board	2	1	Yes	Single row	105°C	Tin	Yes	Vertical/right-angle SMT and through-hole PCB headers
Micro-Lock Plus														
	2.00mm	4.7A	250V	22 to 26 AWG	2 to 16	Wire-to-board	1	1	Yes	Single row	105°C	Tin/gold	No	Vertical/right-angle SMT PCB headers; TPA and ISL versions are UL rated
DuraClik														
	2.00mm	3.0A	125V	22 to 26 AWG	2 to 15	Wire-to-board	Up to 4	1	Yes	Single row	105°C	Tin/gold	No	Vertical/right-angle SMT PCB headers TPA option version and ISL version are UL rated
Mini-Lock														
	2.50mm	5.0A	250V	20 to 26 AWG	2 to 15 TPA version 2 to 10, 12 ISL version	Wire-to-board	2	1	Yes	Single row	105°C	Tin	Yes	Vertical/right-angle SMT and through-hole PCB headers
KK Plus														
	2.50mm	6.5A	250V	22 to 28 AWG	2 to 8	Wire-to-board	1	1	Yes	Single row	105°C	Tin	Yes	Vertical through-hole PCB headers; compatible with competition
	3.00mm	11.0A	350V	18 to 20 AWG	2 to 4									
	3.96mm		600V		2 to 6									
MX150														
	1.50mm	22.0A	Up to 60V	14 to 22 AWG	2 to 20	Wire-to-wire, wire-to-board, panel mount, twist lock, hybrid, 48V	8	4	Yes	Single/ double row	155°C	Tin/silver/ gold	No	IP67 and IP69K sealing ratings; mat seal technology; space-saving housing design
	2.80mm													
	6.30mm													

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RAST														
	2.50mm	6.0A	32V/250V	22 to 24 AWG	2 to 20	Wire-to-board	1	Various	No	Single row	105°C	Tin	Yes	IDT - V0, V2 Glow Wire
	5.00mm	16.0A	250V	18 to 24 AWG	2 to 12							Tin/silver		IDT - RAST 5, R5, R Power, RAST Power; RAST Crimp
CP														
	2.50mm	3.0A	300V	22 to 28 AWG	2 to 8	Wire-to-wire	4	4	Yes	Single row	105°C	Tin	No	Compact design; low insertion locking
	3.30mm	7.0A	500V	18 to 28 AWG	2, 4, 6	Wire-to-board	4	4		Double row			Yes	Through-hole PCB headers
	4.50mm	10.0A	600V	16 to 26 AWG		Wire-to-wire	Up to 6	Up to 6			120°C			Glow Wire and low-halogen compliant; genderless contacts
	6.50mm	12.5.0A				Wire-to-wire, wire-to-board	Up to 12	Up to 12			105°C			Vertical/right-angle SMT and through-hole PCB headers
VersaBlade														
	6.20mm	15.0A	300V	14 to 24 AWG	1 to 9	Wire-to-wire	1	1	Yes	Single/ double row	105°C	Tin	Yes	Durable shrouded housings with positive or friction locks; panel-mount options
	6.20/ 7.30mm	14.0A	600V		2 to 4						150°C			High-temperature variants with superior mating reliability, polarization and easy harness assembly

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Squba														
	1.80mm	6.0A	125V	22 to 24 AWG	2 to 10	Wire-to-wire	9	9	N/A	Single row	105°C	Tin	Yes	Sealed to IP68; Weather caps; 26 AWG option for UL 1569/1007
	3.60mm	14.0A	600V	16 to 20 AWG	2 to 4									
Quick Disconnects														
	N/A	600A	600V	10 to 26 AWG	N/A	Wire-to-wire, wire-to-board	3	N/A	N/A	N/A	105°C	Tin	No	Loxon locking quick disconnect
Ring/Spade Terminals														
	N/A	600A	600V	4/0 to 22 AWG	N/A	Wire-to-board	3	N/A	N/A	N/A	650°C	Tin	No	Loose-piece or reeled
Splices														
	N/A	600A	600V	4/0 to 22 AWG	N/A	Wire-to-wire	3	N/A	N/A	N/A	105°C	Tin	No	Loose-piece or reeled
Terminal Blocks														
	2.00mm	115A	600V	2 to 30 AWG	2 to 20	Wire-to-board	2	N/A	N/A	Single row	115°C	Tin/ gold	Yes	Screw or spring termination; field installable
Barrier Strips														
	N/A	50A	600V	8 to 18 AWG	2 to 20	Wire-to-wire, wire-to-board	1	N/A	N/A	Single row	115°C	Tin/ gold	Yes	Use with stripped wires or ring terminals; field installable
MX150L														
	5.84/ 7.62mm	40A	600V	8 to 22 AWG	2 to 16	Wire-to-wire, wire-to-board, wire-to-panel	1	1	Yes	Double row	125°C	Tin/ gold	No	Sealed to IP67; pre-assembled connector housing

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Fit Family	Centerline	Current Rating (max.)	Voltage Rating	Wire Gauge	Position Sizes	Configuration	Colors	Keys	Terminal Position	SMT Option	Operating Temp (max.)	Plating Option	Glow Wire Capable	Key Features
Nano-Fit														
	2.50mm	8.0A	250V	20 to 26 AWG	2 to 8 4 to 16	Wire-to-wire, wire-to-board	2	2	Yes	Yes	125°C	Tin/ gold	Yes	BMI and CPA options; gold flash for wire-to-wire
Micro-Fit														
	3.00mm	10.0A	600V	18 to 30 AWG	2 to 12 2 to 24	Wire-to-wire, wire-to-board, board-to-board	1	1	Yes	Yes	105/125°C	Tin/ gold	Yes	BMI and TPA options
Micro-Fit+														
	3.00mm	13.0A	600V	16 to 30 AWG	2 to 8 2 to 22	Wire-to-wire, wire-to-board	1	1	Yes	Yes	125°C	Tin/ gold	Yes	40% reduction in mating force versus standard Micro-Fit
Micro-Fit+ Versa Color														
	3.00mm	13.0A	600V	16 to 30 AWG	2 to 8 2 to 12	Wire-to-wire, wire-to-board	4	4	Yes	No	125°C	Tin/ gold	Yes	40% lower mating force
Ultra-Fit														
	3.50mm	14.0A	600V	16 to 22 AWG	2 to 8 4 to 16	Wire-to-wire, wire-to-board	2	2	Yes	No	120/125°C	Tin/ gold	Yes	CPA option
Mini-Fit														
	4.20mm	13.0A	600V	16 to 28 AWG	2 to 24	Wire-to-wire, wire-to-board, board-to-board	5	1	No	Yes	105/125°C	Tin/ gold	Yes	Legacy series; double row BMI and CPA options; double row

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Mini-Fit Sigma														
	4.20mm	11.5/ 13.5A	600V	16 to 24 AWG	2 to 6 2 to 18	Wire-to-wire, wire-to-board	1	1	Yes	Yes	105/125°C	Tin	Yes	V0 Glow Wire, TPA key for appliance; slim TPA width of connector; low mating force receptacle; sigma sealed option for foam-in-place connectors
Mini-Fit Max														
	4.20mm	20.5A	600V	14 to 16 AWG	2 to 12	Wire-to-board	1	1	Yes	Yes	105°C	Tin	Yes	High current 4.20mm; vertical and right-angle SMT PCB headers; double row
Mega-Fit														
	5.70mm	30.0A	600V	10 to 16 AWG	2 to 8 2 to 12	Wire-to-wire, wire-to-board	1	1	Yes	No	105/120°C	Tin/ gold	Yes	Highest current Fit Family connector; CPA option
Mega-Fit Versa Color														
	5.70mm	30.0A	600V	10 to 16 AWG	2 to 8 2 to 12	Wire-to-board	4	4	Yes	No	105°C	Tin	Yes	Vertical through-hole PCB headers; CPA option

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