

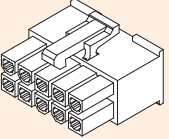
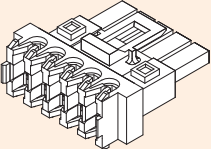
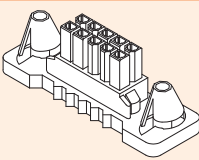
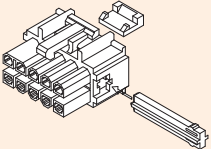
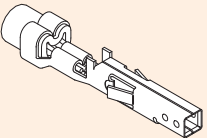
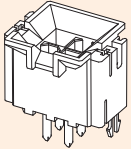
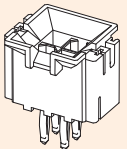
MINI-FIT

- Fully isolated terminals
- Positive housing locks
- Current rating up to 9.0A per circuit

- Capable of 12.0A per circuit with HCS
- Available in 94V-2 and 94V-0 materials
- UL, CSA, TUV approved

molex® 4.20mm (.165") Pitch Mini-Fit™ Family

4.20mm (.165") Pitch
Mini-Fit™ Family

Product	Description	Current		Voltage	Configuration	Agency Approval	Circuit Size	Wire Gauge	Flammability Rating
		At Smallest Circuit Size	At Largest Circuit Size						
	Mini-Fit, Jr. Mini-Fit, Jr. is a high-current / high-density power connector offering great design flexibility for wire-to-wire and wire-to-board housing.	9	6	600	W-to-W W-to-B	UL CSA TUV	3, 4, 5, 2-24	16, 18-24, 22-28	94V-0 94V-2
	Mini-Fit, IDT Mini-Fit, IDT (Insulation Displacement Technology) offers a single-row system that includes surface mount compatible headers along with feed-to and feed-through plugs and receptacles. Ideal solution for mass termination and daisy chain applications.	6	6	600	W-to-W W-to-B	UL CSA	2-12	18-24	94V-0
	Mini-Fit, BMI Mini-Fit, BMI (Blind Mate Interface) connectors are designed for applications requiring the blind mating of modules, subassemblies or PCBs.	9	6	600	W-to-W W-to-B B-to-B	UL CSA TUV	4, 6, 10, 14-24, 36, 40	16, 18-24, 22-28	94V-0 94V-2
	Mini-Fit, TPA Mini-Fit, TPA (Terminal Position Allowance) allows terminals to be fully seated in the housing, assuring that they will not back out, providing added security with a secondary locking mechanism.	9	6	600	W-to-W W-to-B	UL CSA TUV	2-16	16, 28-24 22-28	94V-0
	Mini-Fit, HCS Mini-Fit, HCS (High Current System) is capable of carrying up to 12A per circuit and fits into all existing Mini-Fit housing configurations except TPA housings.	12	9	600	W-to-W W-to-B B-to-B	UL CSA TUV	3, 4, 5, 2-24 36, 40	16, 18, 20	94V-0 94V-2
	Mini-Fit, SMC Mini-Fit, SMC (Surface Mount Compatible) is made of material that resists high temperatures, which allows it to withstand the wave/IR soldering processes.	9	6	600	W-to-W B-to-B	UL CSA TUV	4, 6, 10, 14, 18, 24	16, 18-24, 22-28	94V-0
	Mini-Fit, CPI Mini-Fit, CPI (Compliant Pin Interface) offers a unique compliant pin design, which required no soldering.	8	5	600	W-to-W B-to-B	UL CSA TUV	4, 6, 10, 14, 18, 24	16, 18-24, 22-28	94V-0

TERMINAL CURRENT DE-RATING

Mini-Fit, Jr. Terminal Current De-Rating

Circuits	2	3	4	6	8	10	12	14	16	18	20	22	24
Amperes	9	9	8	8	7	7	6	6	6	6	6	6	6

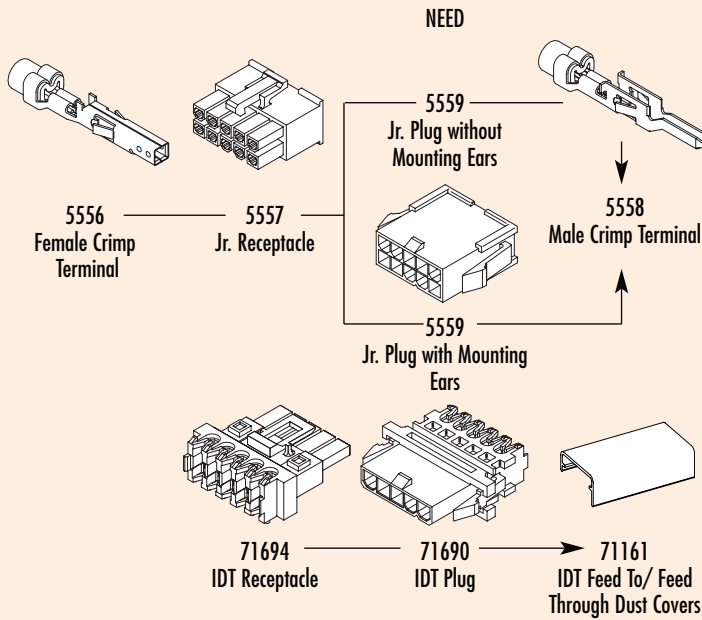
Mini-Fit, HCS Terminal Current De-Rating

Circuits	2	3	4	6	8	10	12	14	16	18	20	22	24
Amperes	12	12	11	11	10	10	9	9	9	9	9	9	9

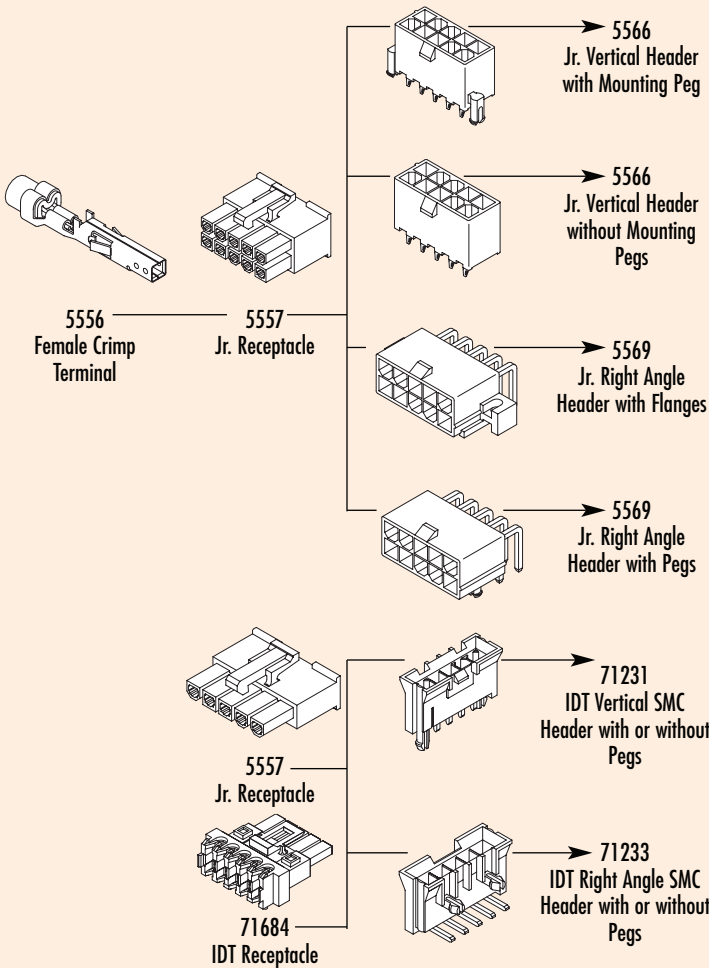
Mini-Fit, Jr.™, IDT™

STANDARD PRODUCTS (UP TO 9A)

Wire-to-Wire

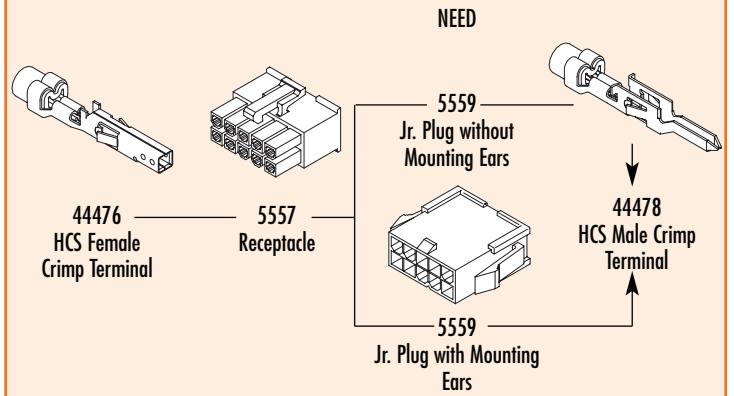


Wire-to-Board

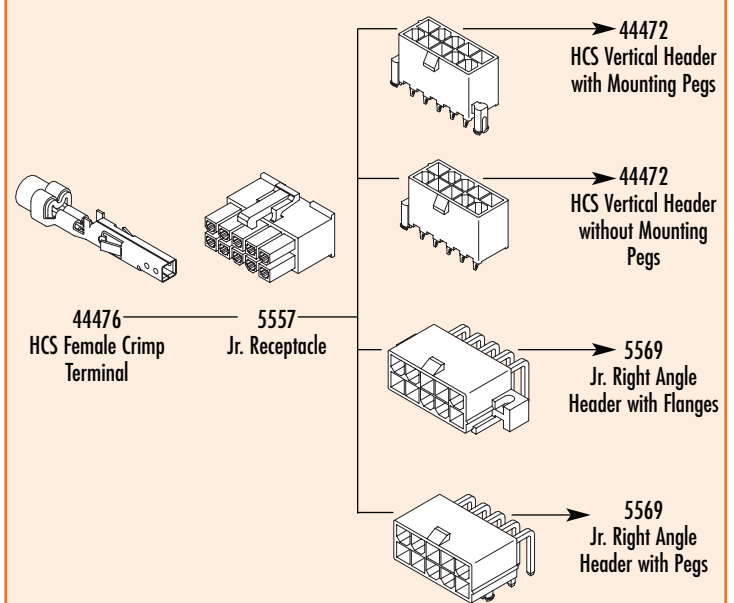


HIGH CURRENT PRODUCTS (UP TO 12A)

Wire-to-Wire



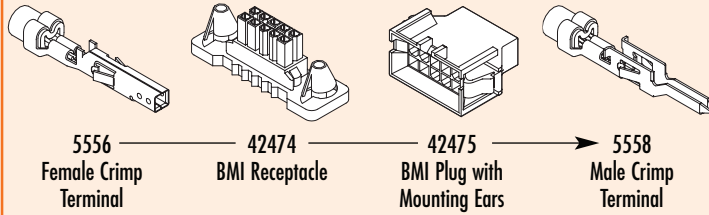
Wire-to-Board



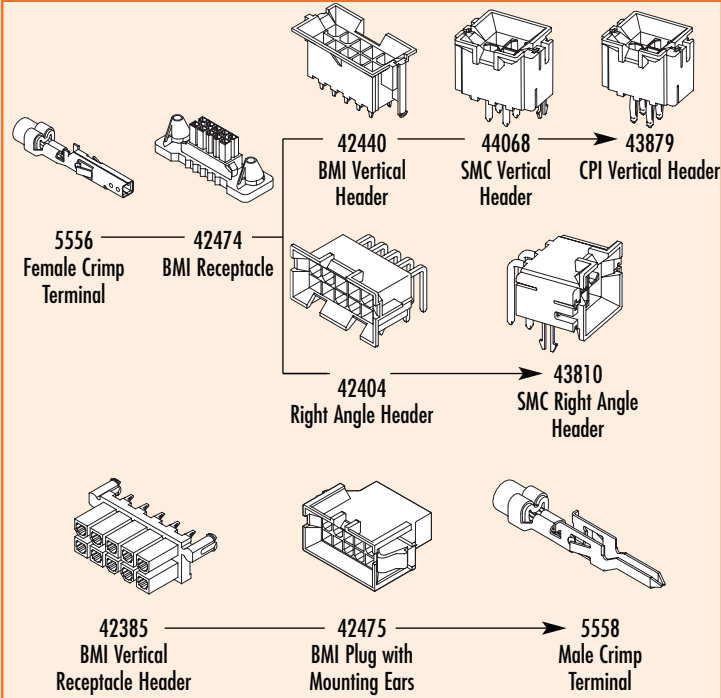
Mini-Fit BMI™, SMC™, CPI™

STANDARD PRODUCTS (UP TO 9A)

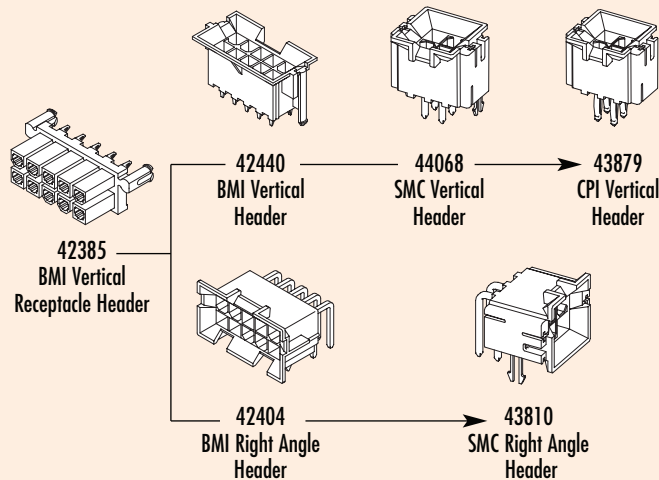
Wire-to-Wire



Wire-to-Board

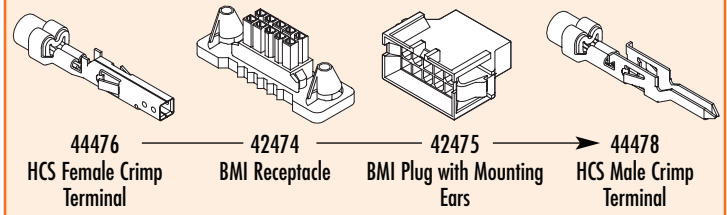


Board-to-Board

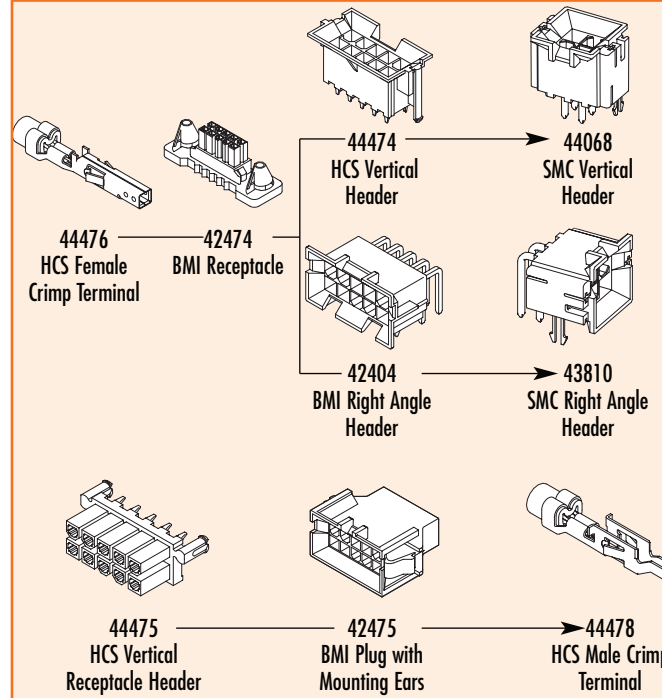


HIGH CURRENT PRODUCTS (UP TO 12A)

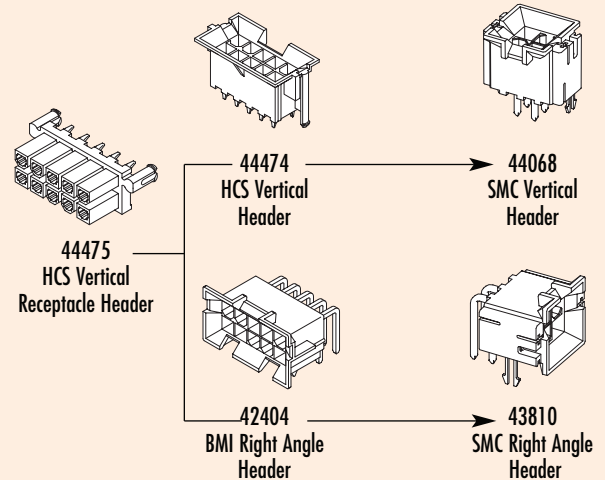
Wire-to-Wire



Wire-to-Board



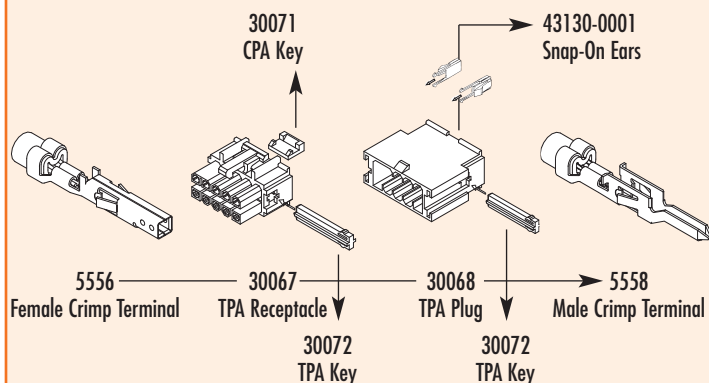
Board-to-Board



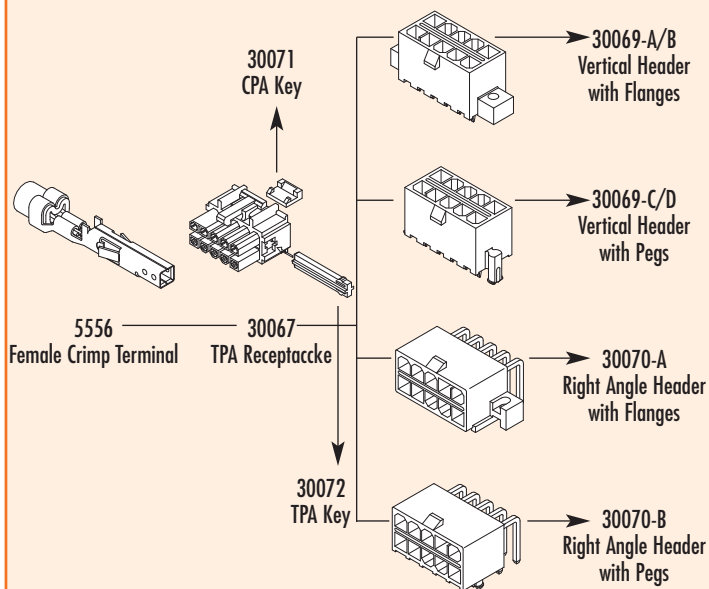
Mini-Fit, TPA™

STANDARD PRODUCTS (UP TO 9A)

Wire-to-Wire

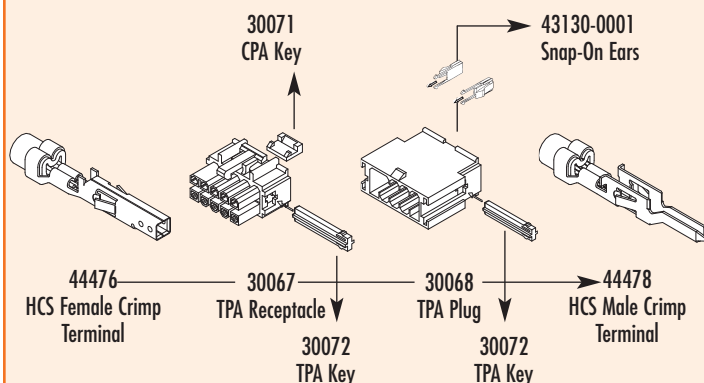


Wire-to-Board

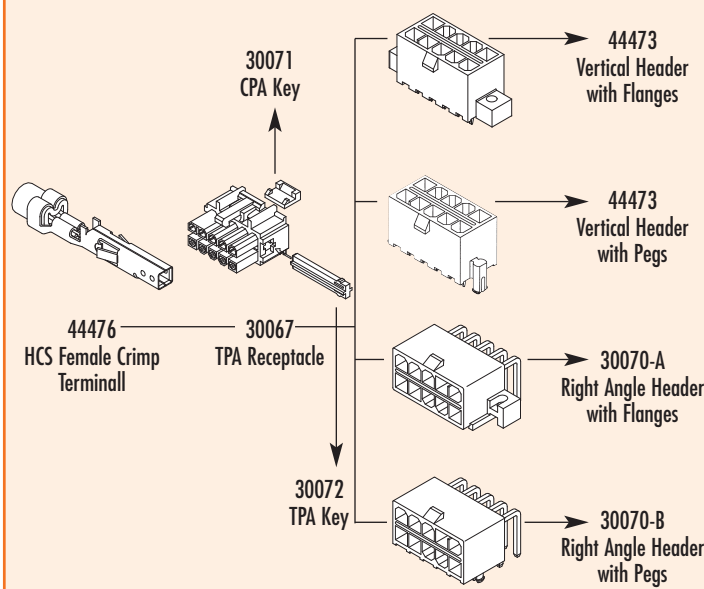


HIGH CURRENT PRODUCTS (UP TO 12A)

Wire-to-Wire



Wire-to-Board



APPLICATIONS

- Home Appliances
- Office Equipment
- Communications Equipment
- Telecommunications
- Automotive Aftermarket
- Game Industry
- Medical Industry
- Computer Industry
- Security Systems

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