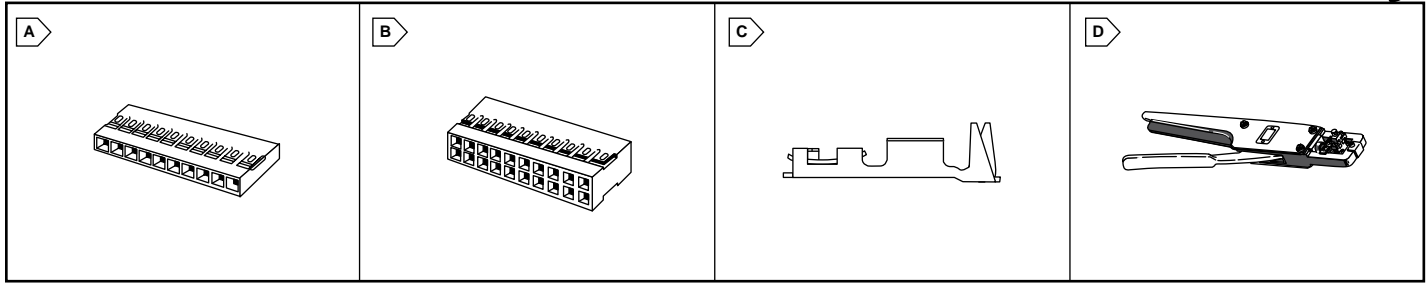


FCI PV™ Wire-to-Board Connector System



Innovative PV crimp-to-wire system connects discrete wire to PCBs. High-reliability dual metal wire receptacle contacts plug to industry standard .025 in. (.635mm) square or round posts. These contacts are used discretely or assembled into Mini-Latch™ wire housings for highly secure mating to economical, friction-gripping PCB headers.

MINI-LATCH™ HOUSINGS

Features:

- Made of modified polyphenylene oxide
- Rated UL 94V-1
- Color: black
- Insulation resistance: 1 x 10¹² MΩ min.
- Temperature range: -40°C to +105°C
- .100" x .100" (2.54mm x 2.54mm) centers
- Mates with .100" vertical latching system
- Withstanding voltage: 100Vrms at sea level
- Latching force: 6.5lbs. min. per position
- Optional polarization plug
- RoHS compliant per FCI documentation



RoHS Compliant

MINI-PV™ RECEPTACLE CONTACTS

- 1 = 30μ" gold over nickel with gold flash
- 2 = 15μ" gold over nickel with gold flash
- 3 = 40μ" gold over nickel with gold flash
- 4 = 100μ" tin



RoHS Compliant



- Mates with .019" and .025" round or square pins
- RoHS compliant per FCI documentation

FCI Rectangular Connectors

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Positions	Length (In.)	Price Each			
					1	10	25	100
Single Row								
649-65039-036LF	65039-036LF	A	1	0.1				
649-65039-035LF	65039-035LF	A	2	0.2				
649-65039-034LF	65039-034LF	A	3	0.3				
649-65039-033LF	65039-033LF	A	4	0.4				
649-65039-032LF	65039-032LF	A	5	0.5				
649-65039-031LF	65039-031LF	A	6	0.6				
649-65039-030LF	65039-030LF	A	7	0.7				
649-65039-029LF	65039-029LF	A	8	0.8				
649-65039-027LF	65039-027LF	A	10	1.0				
649-65039-023LF	65039-023LF	A	14	1.4				
649-65039-012LF	65039-012LF	A	25	2.5				
Polarized Single Row								
649-78211-003LF	78211-003LF	A	3	0.3				
649-78211-004LF	78211-004LF	A	4	0.4				
649-78211-005LF	78211-005LF	A	5	0.5				
649-78211-006LF	78211-006LF	A	6	0.6				
649-78211-007LF	78211-007LF	A	7	0.7				
649-78211-008LF	78211-008LF	A	8	0.8				
649-78211-012LF	78211-012LF	A	12	1.2				
Double Row								
649-65043-035LF	65043-035LF	B	4	0.2				
649-65043-034LF	65043-034LF	B	6	0.3				
649-65043-033LF	65043-033LF	B	8	0.4				
649-65043-032LF	65043-032LF	B	10	0.5				
649-65043-031LF	65043-031LF	B	12	0.6				
649-65043-030LF	65043-030LF	B	14	0.7				
649-65043-029LF	65043-029LF	B	16	0.8				
649-65043-027LF	65043-027LF	B	20	1.0				
649-65043-025LF	65043-025LF	B	24	1.2				
649-65043-024LF	65043-024LF	B	26	1.3				
649-65043-022LF	65043-022LF	B	30	1.5				
649-65043-020LF	65043-020LF	B	34	1.7				
649-65043-017LF	65043-017LF	B	40	2.0				
649-65043-012LF	65043-012LF	B	50	2.5				
649-65043-007LF	65043-007LF	B	60	3.0				
649-65043-005LF	65043-005LF	B	64	3.2				
649-65043-001LF	65043-001LF	B	72	3.6				
Polarized Double Row								
649-69176-006LF	69176-006LF	B	6	0.3				
649-65846-015LF	65846-015LF	B	6	0.3				
649-69176-008LF	69176-008LF	B	8	0.4				
649-65846-016LF	65846-016LF	B	8	0.4				
649-65846-010LF	65846-010LF	B	10	0.5				
649-69176-010LF	69176-010LF	B	10	0.5				
649-69176-012LF	69176-012LF	B	12	0.6				
649-65846-017LF	65846-017LF	B	12	0.6				
649-65846-007LF	65846-007LF	B	14	0.7				
649-69176-014LF	69176-014LF	B	14	0.7				
649-65846-011LF	65846-011LF	B	16	0.8				
649-69176-016LF	69176-016LF	B	16	0.8				
649-65846-008LF	65846-008LF	B	18	0.9				
649-69176-020LF	69176-020LF	B	20	1.0				
649-65846-006LF	65846-006LF	B	20	1.0				
649-65846-001LF	65846-001LF	B	24	1.2				
649-69176-028LF	69176-028LF	B	28	1.4				
649-69176-030LF	69176-030LF	B	30	1.5				
649-65846-002LF	65846-002LF	B	30	1.5				
649-65846-003LF	65846-003LF	B	38	1.9				
649-65846-004LF	65846-004LF	B	44	2.2				
649-65846-005LF	65846-005LF	B	54	2.7				

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	AWG	Spring Force	Plating	Price Each			
						1	10	25	100
649-48266-000LF	48266-000LF	C	18-20	Standard	1				
649-48233-000LF	48233-000LF	C	18-20	Ult High	1				
649-47716-000LF	47716-000LF	C	18-20	High	4				
649-48236-000LF	48236-000LF	C	22-26	Ult High	1				
649-48257-000LF	48257-000LF	C	22-26	Ult High	2				
649-47750-000LF	47750-000LF	C	22-26	Ult High	4				
649-48254-000LF	48254-000LF	C	22-26	High	2				
649-47715-000LF	47715-000LF	C	22-26	High	4				
649-47712-000LF	47712-000LF	C	22-26	High	3				
649-48234-000LF	48234-000LF	C	22-26	High	1				
649-48235-000LF	48235-000LF	C	22-26	Standard	1				
649-48251-000LF	48251-000LF	C	22-26	Standard	2				
649-47747-000LF	47747-000LF	C	22-26	Standard	4				
649-47743-000LF	47743-000LF	C	22-26	Standard	3				
649-47745-000LF	47745-000LF	C	22-26	Ult High	3				
649-48238-000LF	48238-000LF	C	28-32	Standard	1				
649-48239-000LF	48239-000LF	C	28-32	Ult High	1				
649-47748-000LF	47748-000LF	C	28-32	High	2				
649-48237-000LF	48237-000LF	C	28-32	High	1				
649-48252-000LF	48252-000LF	C	28-32	Standard	2				

HAND TOOLS

Lightweight, rugged hand tools have ratchet-action handle that assures complete crimp cycle. For application on crimp-to-wire PV receptacles and pins.

MOUSER STOCK NO.	FCI Part No.	Fig.	Description	AWG	Price Each
649-HT-73	HT-0073	D	Mini-PV™	18-20	
649-HT-95	HT-0095	D	Mini-PV™	22-32	
649-HT-48	HT-0048	D	Maxi-PV™	22-26	
649-HT-80	HT-0080	D	PV removal tool	- - -	
649-HT-49	HT-0049	D	Maxi-PV™	18-20	
649-HT-102	HT-0102	D	Pin contacts	22-32	

POLARIZATION PLUG

Specifications:

- Material: Nylon UL94V-0, white
- Temperature Rating: -40°C to +105°C
- Use with Mini-Latch™ and Maxi-Latch™ housings
- RoHS compliant per FCI documentation



RoHS Compliant

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	Description	Price Each			
				1	10	25	100
649-65307-001LF	65307-001LF	--	Polarization Plug				