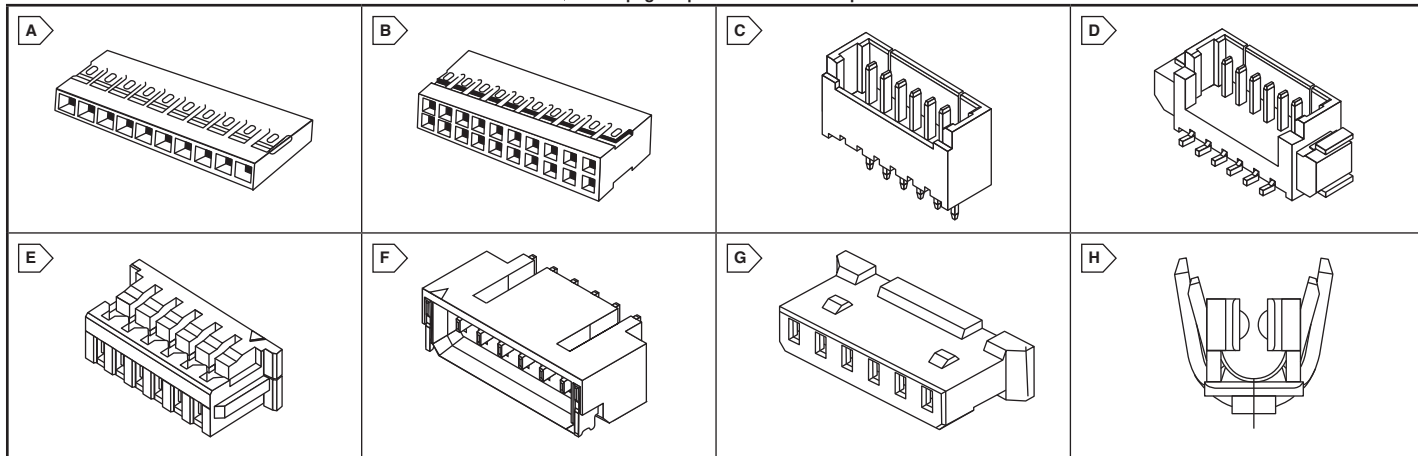


# AMPHENOL FCI Wire-to-Board Connectors Amphenol FCI

RoHS Compliant This page of product is RoHS compliant.



## MINI-LATCH™ HOUSINGS

### Single Row

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Fig.	No. of Pos.	Length (in.)	Price Each			
					1	10	100	500
649-65039-036LF	65039-036LF	A	1	0.1	1.26	1.11	.964	.789
649-65039-035LF	65039-035LF	A	2	0.2	.59	.552	.424	.368
649-65039-034LF	65039-034LF	A	3	0.3	.68	.641	.491	.427
649-65039-033LF	65039-033LF	A	4	0.4	.66	.624	.479	.416
649-65039-032LF	65039-032LF	A	5	0.5	.76	.678	.585	.479
649-65039-031LF	65039-031LF	A	6	0.6	.88	.778	.672	.549
649-65039-030LF	65039-030LF	A	7	0.7	.82	.728	.628	.514
649-65039-029LF	65039-029LF	A	8	0.8	.98	.867	.748	.612
649-65039-027LF	65039-027LF	A	10	1.0	1.06	.939	.811	.663
649-65039-025LF	65039-025LF	A	12	1.2	1.27	1.12	.971	.795
649-65039-023LF	65039-023LF	A	14	1.4	1.36	1.23	1.06	.883
649-65039-012LF	65039-012LF	A	25	2.5	2.47	2.25	1.93	1.61
649-65039-001LF	65039-001LF	A	36	3.6	2.78	2.66	2.22	1.89

### Polarized Single Row

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Fig.	No. of Pos.	Length (in.)	1	10	100	500
649-78211-003LF	78211-003LF	A	3	0.3	.73	.687	.526	.458
649-78211-004LF	78211-004LF	A	4	0.4	.89	.795	.686	.561
649-78211-005LF	78211-005LF	A	5	0.5	1.13	1.00	.866	.708
649-78211-006LF	78211-006LF	A	6	0.6	1.21	1.07	.926	.757
649-78211-007LF	78211-007LF	A	7	0.7	1.20	1.06	.916	.749
649-78211-008LF	78211-008LF	A	8	0.8	1.20	1.06	.916	.749
649-78211-014LF	78211-014LF	A	14	1.4	2.68	2.43	2.09	1.74

### Double Row

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Fig.	No. of Pos.	Length (in.)	1	10	100	500
649-65043-035LF	65043-035LF	B	4	0.2	.89	.787	.679	.555
649-65043-034LF	65043-034LF	B	6	0.3	.88	.781	.674	.551
649-65043-033LF	65043-033LF	B	8	0.4	1.07	.951	.82	.671
649-65043-032LF	65043-032LF	B	10	0.5	1.42	1.29	1.11	.927
649-65043-031LF	65043-031LF	B	12	0.6	.47	.445	.312	.268
649-65043-030LF	65043-030LF	B	14	0.7	2.01	1.83	1.57	1.31
649-65043-029LF	65043-029LF	B	16	0.8	1.75	1.59	1.37	1.14
649-65043-028LF	65043-028LF	B	18	0.9	2.23	2.03	1.74	1.45
649-65043-027LF	65043-027LF	B	20	1.0	2.47	2.25	1.93	1.60
649-65043-025LF	65043-025LF	B	24	1.2	2.75	2.64	2.20	1.87
649-65043-024LF	65043-024LF	B	26	1.3	2.80	2.69	2.24	1.90
649-65043-022LF	65043-022LF	B	30	1.5	3.27	3.13	2.61	2.22
649-65043-020LF	65043-020LF	B	34	1.7	2.78	2.66	2.22	1.89
649-65043-017LF	65043-017LF	B	40	2.0	2.39	2.17	1.86	1.55
649-65043-012LF	65043-012LF	B	50	2.5	3.43	3.29	2.74	2.33
649-65043-007LF	65043-007LF	B	60	3.0	4.46	4.29	3.57	3.03
649-65043-001LF	65043-001LF	B	72	3.6	4.33	4.15	3.46	2.94

### Polarized Double Row

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Fig.	No. of Pos.	Length (in.)	1	10	100	500
649-69176-006LF	69176-006LF	B	6	0.3	1.46	1.33	1.14	.954
649-65846-015LF	65846-015LF	B	6	0.3	1.35	1.23	1.05	.881
649-69176-008LF	69176-008LF	B	8	0.4	.51	.481	.368	.32
649-65846-016LF	65846-016LF	B	8	0.4	1.51	1.37	1.17	.982
649-65846-010LF	65846-010LF	B	10	0.5	1.45	1.32	1.13	.946
649-69176-010LF	69176-010LF	B	10	0.5	1.90	1.73	1.48	1.23
649-69176-012LF	69176-012LF	B	12	0.6	1.28	1.13	.981	.802
649-65846-017LF	65846-017LF	B	12	0.6	1.47	1.33	1.14	.956
649-65846-007LF	65846-007LF	B	14	0.7	1.93	1.76	1.50	1.25
649-69176-014LF	69176-014LF	B	14	0.7	2.42	2.20	1.88	1.57
649-65846-011LF	65846-011LF	B	16	0.8	2.39	2.17	1.86	1.55
649-69176-016LF	69176-016LF	B	16	0.8	2.56	2.32	1.99	1.66
649-65846-008LF	65846-008LF	B	18	0.9	2.37	2.16	1.85	1.54
649-69176-020LF	69176-020LF	B	20	1.0	2.65	2.54	2.12	1.80
649-65846-006LF	65846-006LF	B	20	1.0	2.60	2.36	2.02	1.69
649-65846-001LF	65846-001LF	B	24	1.2	2.88	2.77	2.31	1.96
649-69176-028LF	69176-028LF	B	28	1.4	3.54	3.40	2.83	2.40
649-65846-002LF	65846-002LF	B	30	1.5	3.21	3.08	2.57	2.18
649-65846-003LF	65846-003LF	B	38	1.9	3.43	3.29	2.74	2.33
649-65846-004LF	65846-004LF	B	44	2.2	3.95	3.79	3.16	2.68
649-65846-005LF	65846-005LF	B	54	2.7	5.66	5.44	4.53	3.85

## MINI-PV™ RECEPTACLE CONTACTS

1 = 30µm gold over nickel with gold flash 3 = 40µm gold over nickel with gold flash  
2 = 15µm gold over nickel with gold flash 4 = 100µm tin

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	AWG	Spring Force	Plating	Price Each			
					1	10	100	500
649-48266-000LF	48266-000LF	20-18	Standard	1	.58	.543	.416	.362
649-48233-000LF	48233-000LF	20-18	Ult High	1	.35	.339	.238	.204
649-48236-000LF	48236-000LF	26-22	Ult High	1	.39	.37	.259	.222
649-48257-000LF	48257-000LF	26-22	Ult High	2	.54	.513	.394	.342
649-47750-000LF	47750-000LF	26-22	Ult High	4	.28	.27	.189	.162
649-48254-000LF	48254-000LF	26-22	High	2	.33	.318	.223	.191
649-47715-000LF	47715-000LF	26-22	High	4	.40	.379	.266	.228
649-47712-000LF	47712-000LF	26-22	High	3	.68	.638	.489	.425
649-48234-000LF	48234-000LF	26-22	High	1	.68	.638	.489	.425
649-48235-000LF	48235-000LF	26-22	Standard	1	.35	.338	.237	.203
649-48251-000LF	48251-000LF	26-22	Standard	2	.34	.326	.229	.196
649-47747-000LF	47747-000LF	26-22	Standard	4	.42	.397	.305	.265
649-47743-000LF	47743-000LF	26-22	Standard	3	.67	.631	.484	.421
649-47745-000LF	47745-000LF	26-22	Ult High	3	.67	.631	.484	.421
649-48238-000LF	48238-000LF	32-28	Standard	1	.38	.361	.253	.217
649-48239-000LF	48239-000LF	32-28	Ult High	1	.38	.361	.253	.217
649-47748-000LF	47748-000LF	32-28	High	2	.39	.379	.29	.252
649-48237-000LF	48237-000LF	32-28	High	1	.38	.361	.253	.217
649-48252-000LF	48252-000LF	32-28	Standard	2	.32	.312	.219	.187

## HAND TOOLS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Description	AWG	Price Each
649-HT-73	HT-0073	Mini-PV™	20-18	1367.92
649-HT-95	HT-0095	Mini-PV™	32-22	1297.16
649-HT-48	HT-0048	Maxi-PV™	26-22	1474.72
649-HT-80	HT-0080	PV removal tool	-	64.27
649-HT-102	HT-0102	Pin contacts	32-22	1367.92

## MINI-PV POLARIZATION PLUG

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Description	Price Each			
			1	10	100	500
649-65307-001LF	65307-001LF	Polarization Plug	.45	.422	.323	.281

## 1.2MM - 1.25MM WIRE-TO-BOARD CONNECTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Fig.	No. of Pos.	Length (mm)	Price Each			
					1	10	100	500
<b>Through Hole Vertical Header</b>								
649-10114829-10102	10114829-10102LF	C	2	4.25	.26	.249	.174	.15
649-10114829-10103	10114829-10103LF	C	3	5.50	.29	.283	.198	.17
649-10114829-10104	10114829-10104LF	C	4	6.75	.32	.307	.216	.185
649-10114829-10106	10114829-10106LF	C	6	9.25	.39	.374	.262	.224
<b>SMT Vertical Header</b>								
649-10114828-10102	10114828-10102LF	D	2	4.25	.28	.27	.19	.163
649-10114828-10103	10114828-10103LF	D	3	5.50	.33	.316	.222	.19
649-10114828-10104	10114828-10104LF	D	4	6.75	.37	.356	.25	.214
649-10114828-10106	10114828-10106LF	D	6	9.25	.46	.432	.331	.288
<b>Receptacle</b>								
649-10114826-00002	10114826-00002LF	E	2	4.25	.10	.037	.022	.018
649-10114826-00003	10114826-00003LF	E	3	5.50	.10	.052	.032	.026
649-10114826-00004	10114826-00004LF	E	4	6.75	.10	.069	.043	.035
649-10114826-00006	10114826-00006LF	E	6	9.25	.11	.103	.064	.053
649-10125839-03RAEHLF	10125839-03RAEHLF	F	3	-	.35	.339	.238	-
649-10125839-04RAEHLF	10125839-04RAEHLF	F	4	-	.38	.364	.256	-
<b>Housing</b>								
649-10125836-03001SP	10125836-03-001SP	G	3	4.9	.18	.17	.105	.087
649-10125836-04001SP	10125836-04-001SP	G	4	6.1	.18	.17	.105	.087
649-10125836-06001SP	10125836-06-001SP	G	6	8.5	.18	.17	.105	.087

### Terminal

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol FCI Part No.	Fig.	AWG	Finish	Price Each			
					1	10	100	500
649-10114827-001	10114827-001LF	-	32-28	Tin	.10	.024	.014	.012
649-10125837-001GLF	10125837-001GLF	H	30-28	Copper	.10	.085	.053	.044