

FCI .100" Dubox™ Connectors



VERTICAL PCB MOUNTED RECEPTACLE ASSEMBLIES LOW PROFILE, THRU-MOUNT

- Top entry PCB board mount receptacles can be stacked side-by-side on .100" centerlines
- Preloaded dual cantilever beam phosphor bronze contacts plated with 30µ" gold in contact area
- 100µ" tin in solder area and 50µ" nickel underplated overall
- Molded housings: Rated UL94V-0, feature beveled "lead-in" ramps to prevent pin-stubbing
- Solder tail length: .115"
- Mate with .025" square pins

RoHS Compliant This product is RoHS compliant.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Positions	Price Each			
				1	25	100	250
Top-Entry, Single Row, Black							
649-68685-306LF	68685-306LF	A	6	2.01	1.64	1.39	1.35
649-68685-308LF	68685-308LF	A	8	2.13	1.76	1.59	1.51
649-68685-310LF	68685-310LF	A	10	2.75	2.20	1.92	1.86
649-68685-314LF	68685-314LF	A	14	3.33	2.56	2.31	2.25
649-68685-316LF	68685-316LF	A	16	3.69	2.87	2.57	2.49
649-68685-317LF	68685-317LF	A	17	3.83	3.32	2.96	2.87
649-68685-320LF	68685-320LF	A	20	4.08	3.12	2.85	2.74
Top-Entry, Single Row, Blue							
649-75915-306LF	75915-306LF	A	6	.67	.55	.495	.483
649-75915-308LF	75915-308LF	A	8	.87	.80	.731	.687
649-75915-310LF	75915-310LF	A	10	1.06	.92	.827	.80
649-75915-312LF	75915-312LF	A	12	1.36	1.18	1.05	1.02
649-75915-320LF	75915-320LF	A	20	2.12	1.70	1.51	1.47
Top-Entry, Double Row, Black							
649-68683-303LF	68683-303LF	B	6	1.41	1.21	1.04	1.00
649-68683-304LF	68683-304LF	B	8	1.64	1.38	1.20	1.15
649-68683-305LF	68683-305LF	B	10	1.38	.95	.849	.822
649-68683-307LF	68683-307LF	B	14	1.94	1.33	1.16	1.11
649-68683-308LF	68683-308LF	B	16	2.24	1.52	1.33	1.28
649-68683-310LF	68683-310LF	B	20	2.12	1.83	1.64	1.59
649-68683-311LF	68683-311LF	B	22	2.87	2.48	2.22	2.15
649-68683-313LF	68683-313LF	B	26	2.99	2.40	2.12	2.04
649-68683-315LF	68683-315LF	B	30	3.99	2.68	2.38	2.31
649-68683-318LF	68683-318LF	B	36	3.96	3.03	2.78	2.67
649-68683-320LF	68683-320LF	B	40	4.41	3.25	2.96	2.90
649-68683-322LF	68683-322LF	B	44	6.68	5.53	4.12	4.04
649-68683-325LF	68683-325LF	B	50	5.73	4.03	3.55	3.48
649-68683-326LF	68683-326LF	B	52	6.76	5.79	4.39	4.30
649-68683-332LF	68683-332LF	B	64	9.23	7.55	7.41	7.27
649-68683-334LF	68683-334LF	B	68	6.98	6.03	5.39	5.23
649-68683-340LF	68683-340LF	B	80	10.84	8.35	6.69	6.68
Top-Entry, Double Row, Blue							
649-87606-308LF	87606-308LF	B	16	1.74	1.60	1.46	1.36
Dual Entry, Double Row							
649-71991-306LF	71991-306LF	B	12	1.75	1.55	1.35	1.31
649-71991-308LF	71991-308LF	B	16	2.11	1.94	1.77	1.66
649-71991-313LF	71991-313LF	B	26	3.35	2.59	2.44	2.32
649-71991-315LF	71991-315LF	B	30	3.87	2.96	2.64	2.57
649-71991-320LF	71991-320LF	B	40	5.17	3.82	3.52	3.40

SMT LOW PROFILE RECEPTACLES - DOUBLE ROW

- The Dubox™ contact has a pre-stressed, dual beam design to enable low insertion force
- Floating solder tails self-center on circuit pads and assure coplanarity
- 4-wall contact design for signal protection
- RoHS Compliant per FCI documentation

649-89898-303LF	89898-303LF	C	6	.84	.77	.71	.671
649-89898-304ALF	89898-304ALF	C	8	1.24	1.14	1.04	.979
649-89898-305LF	89898-305LF	C	10	1.74	1.60	1.46	1.36
649-89898-306ALF	89898-306ALF	C	12	1.74	1.39	1.20	1.16
649-89898-308ALF	89898-308ALF	C	16	2.21	1.87	1.64	1.52
649-89898-310LF	89898-310LF	C	20	3.12	2.86	2.61	2.44
649-89898-314LF	89898-314LF	C	28	3.50	2.80	2.34	2.24
649-89898-317LF	89898-317LF	C	34	4.31	4.19	3.93	3.71
649-89898-320LF	89898-320LF	C	40	4.83	4.44	4.05	3.64

SHROUDED HEADERS

For quantities greater than listed, call for quote.

Straight - Single Row							
649-76384-302LF	76384-302LF	D	2	.35	.34	.307	.284
649-76384-303LF	76384-303LF	D	3	.45	.41	.375	.352
649-76384-304LF	76384-304LF	D	4	.52	.45	.387	.371
649-76384-305LF	76384-305LF	D	5	.51	.46	.42	.40
649-76384-306LF	76384-306LF	D	6	.52	.45	.39	.39
649-76384-308LF	76384-308LF	D	8	.93	.78	.688	.656
649-76384-310LF	76384-310LF	D	10	.99	.91	.838	.786
Right Angle - Single Row							
649-76382-303LF	76382-303LF	E	3	.52	.45	.387	.371
Straight - Double Row							
649-76385-302LF	76385-302LF	F	4	.64	.55	.484	.462
649-76385-303LF	76385-303LF	F	6	.89	.71	.632	.609
649-76385-304LF	76385-304LF	F	8	.92	.89	.875	.867
649-76385-305LF	76385-305LF	F	10	1.13	1.04	.951	.895
649-76385-306LF	76385-306LF	F	12	1.33	1.21	1.13	1.06
649-76385-308LF	76385-308LF	F	16	1.34	1.16	.978	.956
649-76385-310LF	76385-310LF	F	20	1.92	1.85	1.67	1.61

HOUSINGS

For quantities greater than listed, call for quote.

Single Row							
649-65240-002LF	65240-002LF	G	2	.15	.12	.118	.113
649-65240-003LF	65240-003LF	G	3	.18	.16	.14	.134
649-65240-004LF	65240-004LF	G	4	.19	.17	.15	.144
649-65240-005LF	65240-005LF	G	5	.25	.23	.204	.199
649-65240-006LF	65240-006LF	G	6	.26	.24	.215	.209
649-65240-007LF	65240-007LF	G	7	.33	.29	.258	.247
649-65240-008LF	65240-008LF	G	8	.35	.33	.29	.284
649-65240-009LF	65240-009LF	G	9	.41	.36	.333	.321
649-65240-010LF	65240-010LF	G	10	.44	.39	.355	.349
Double Row							
649-65239-002LF	65239-002LF	H	4	.23	.21	.183	.177
649-65239-003LF	65239-003LF	H	6	.26	.24	.226	.22
649-65239-004LF	65239-004LF	H	8	.36	.34	.301	.29
649-65239-005LF	65239-005LF	H	10	.46	.44	.386	.375
649-65239-006LF	65239-006LF	H	12	.53	.47	.419	.403
649-65239-008LF	65239-008LF	H	16	.67	.58	.527	.51
649-65239-010LF	65239-010LF	H	20	.94	.82	.731	.709

CONTACTS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	Wire AWG	Price Each			
				1	100	500	1000
649-76347-301LF	76347-301LF	-	22-30	.19	.127	.099	.07
649-76347-311LF	76347-311LF	-	20-22	.15	.107	.086	.075

TOOL

649-RCY21234	RCY21234	-	Crimp Tool	984.52
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