

# FCI .100" x .100" (2.54mm x 2.54mm) Connectors



## QUICKIE™ IDC 4-WALL VERTICAL THRU MOUNT HEADERS

- Color: Black
- Tail length: 3.05mm (0.120")
- Temperature range: -65°C to +125°C
- Current rating: 3A continuous

This product is RoHS compliant.

### Vertical Slimline Shrouded Headers

- Housing material: Glass-filled thermoplastic polyester
- Housing style: Low-profile
- Insulation resistance: 10,000MΩ
- RoHS compliant per FCI documentation



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Polarization Style	Withstand Voltage (VAC rms)	Contact Area Plating 0.76µm (30µ")	Price Each			
							1	25	100	250
* 649-66506-001LF	66506-001LF	A	10	1	500	Gold	1.02	.88	.795	.773
* 649-66506-066LF	66506-066LF	A	10	1	500	GXT	.57	.51	.46	.448
649-66506-119LF	66506-119LF	A	10	3	500	GXT	1.09	.94	.838	.816
* 649-66506-038LF	66506-038LF	A	14	2	500	Gold	1.55	1.45	1.34	1.27
649-66506-043LF	66506-043LF	A	16	4	500	Gold	1.12	1.04	.946	.919
649-66506-008LF	66506-008LF	A	20	4	500	Gold	1.83	1.72	1.55	1.49
649-66506-031LF	66506-031LF	A	50	4	500	Gold	2.75	2.57	2.37	2.30

\*Tail Length: 2.67mm (0.105")

### Straight Eject Latch Headers

- Board thickness: 2.36mm (0.093")
- Tail plating: 2.54µm (100µ") Tin
- Housing material: High temperature thermoplastic
- Mating data: All Quickie™ receptacles, select discrete wiring mini-latch housings
- Insulation resistance: 10,000MΩ min.
- RoHS compliant per FCI documentation



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Header Style	Withstand Voltage (VAC rms)	Contact Area Plating 0.38µm (15µ")	Price Each			
							1	25	100	250
649-53611-S10-4LF	53611-S10-4LF	B	10	1	1500 min.	Gold	4.48	4.17	3.90	3.74
649-53611-S14-4LF	53611-S14-4LF	B	14	2	1500 min.	Gold	2.85	2.45	2.19	2.12
649-53611-S20-4LF	53611-S20-4LF	B	20	3	1500 min.	Gold	3.44	2.97	2.82	2.79
649-53611-S26-4LF	53611-S26-4LF	B	26	3	1500 min.	Gold	4.74	3.62	3.30	3.17

## QUICKIE™ SHROUDED LOW PROFILE HEADERS

- Recessed pins assure proper alignment and eliminate damage during mating
- End windows for latching with IDC receptacle
- Housing material: Glass-filled thermoplastic polyester
- Current rating: 3A continuous
- Insulation resistance: 10,000MΩ
- Dielectric withstanding voltage: 500V min
- Temperature range: -65°C to +125°C
- Contact Area Plating: 0.76µm (30µ")
- Tail Area Plating: 3.81µm (150µ")
- RoHS compliant per FCI documentation



RoHS Compliant

### Vertical Through Mount Headers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Contact Area Plating	Tail Area Plating	Withstand Voltage (VAC rms)	Price Each			
							1	25	100	250
649-75869-130LF	75869-130LF	C	4	Gold	Tin	500	.47	.43	.39	.361
649-75869-131LF	75869-131LF	C	6	Gold	Tin	500	.60	.57	.542	.461
649-75869-132LF	75869-132LF	C	8	Gold	Tin	500	.56	.51	.462	.446
649-75869-103LF	75869-103LF	C	16	Gold	Tin	500	1.11	.95	.849	.822
649-75869-101LF	75869-101LF	C	20	Gold	Tin	500	1.08	.95	.752	.72
649-75869-104LF	75869-104LF	C	20	Gold	Tin	500	1.01	.87	.784	.752

### Right Angle Through Mount Headers

- RoHS compliant per FCI documentation

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Contact Area Plating	Tail Area Plating	Withstand Voltage (VAC rms)	Price Each			
							1	25	100	250
649-75867-131LF	75867-131LF	C	6	Gold	Tin	500	.74	.66	.565	.477
649-75867-132LF	75867-132LF	C	8	Gold	Tin	500	.64	.63	.545	.505
649-75867-101LF	75867-101LF	C	10	Gold	Tin	500	.74	.71	.656	.618
649-75867-103LF	75867-103LF	C	16	Gold	Tin	500	1.26	1.10	1.02	.996
649-75867-104LF	75867-104LF	C	20	Gold	Tin	500	1.07	.98	.902	.847

## QUICKIE™ "EYE OF NEEDLE" HEADERS

- Housings: Glass filled polyester, blue. UL94V-0
- Contact base metal: Phosphor-bronze
- Contact finish: 0.76µm (30µ") gold or GXT over 1.27µm (50µ") nickel
- Temperature range: -65°C to +125°C
- RoHS Compliant per FCI documentation
- Current rating: 3A continuous
- Withstanding voltage: >1,000V RMS (at sea level)
- Insulation resistance: 1,000MΩ
- Mates with Quickie® IDC series 71600



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	No. of Pos.	Orientation	Strain Relief	Mounting Type	Price Each				
Mfr.	Mfr. Part No.						1	25	100	250	
<b>Low Profile Headers</b>											
649	10073456-001LF	D	10	Vertical	No	Thru-Hole	2.93	2.29	2.08	1.99	
649	10073456-019LF	D	20	Vertical	No	Thru-Hole	3.89	2.90	2.66	2.57	
649	10073456-038LF	D	30	Vertical	No	Thru-Hole	5.26	3.88	3.55	3.48	
649	10073456-049LF	D	40	Vertical	No	Thru-Hole	5.61	4.54	4.08	3.83	
<b>Eject Latch Headers</b>											
649	10080054-007LF	E	10	Vertical	No	Thru-Hole	3.81	2.71	2.42	2.33	
649	10080054-043LF	E	14	Vertical	No	Thru-Hole	4.06	3.09	2.77	2.67	
649	10080054-079LF	E	20	Vertical	No	Thru-Hole	5.68	4.59	4.19	3.87	
649	10080054-115LF	E	26	Vertical	No	Thru-Hole	5.34	3.75	3.45	3.35	

**A**

UL  
SP

Polarization Styles:

**B**

UL  
SP

Header Styles:

**C**

Vertical

Right Angle

**D**

UL  
SP

**E**

UL  
SP