

FCI PCB Mezzanine Connectors

RoHS Compliant This product is RoHS compliant.

BERGSTAK® 0.80MM HIGH DENSITY STACKING CONNECTORS

Features:

- Broad range of sizes
- Broad range of PCB stack heights: 5mm-16mm
- Blade-on-beam contacts allow peeling & prevent stubbing
- Surface mount w/polarization pegs
- Contact area plating: 8µ" (.20um) gold over nickel
- Current rating: .5 amp

* PCB stack height = receptacle height + plug height -3.4mm

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Positions	Height*	Price Each			
					1	25	50	100
Receptacles								
649-61082-041400LF	61082-041400LF	A	40	3.70 mm				
649-61082-042400LF	61082-042400LF	A	40	7.70 mm				
649-61082-043400LF	61082-043400LF	A	40	11.70 mm				
649-61082-061400LF	61082-061400LF	A	60	3.70 mm				
649-61082-062400LF	61082-062400LF	A	60	7.70 mm				
649-61082-063400LF	61082-063400LF	A	60	11.70 mm				
649-61082-101400LF	61082-101400LF	A	100	3.70 mm				
649-61082-102400LF	61082-102400LF	A	100	7.70 mm				
649-61082-103400LF	61082-103400LF	A	100	11.70 mm				
649-61082-141400LF	61082-141400LF	A	140	3.70 mm				
649-61082-143400LF	61082-143400LF	A	140	11.70 mm				
649-61082-181400LF	61082-181400LF	A	180	3.70 mm				
649-61082-183400LF	61082-183400LF	A	180	11.70 mm				
Plugs								
649-61083-042400LF	61083-042400LF	B	40	5.70 mm				
649-61083-043400LF	61083-043400LF	B	40	6.70 mm				
649-61083-044400LF	61083-044400LF	B	40	7.70 mm				
649-61083-062400LF	61083-062400LF	B	60	5.70 mm				
649-61083-063400LF	61083-063400LF	B	60	6.70 mm				
649-61083-084400LF	61083-084400LF	B	80	7.70 mm				
649-61083-101400LF	61083-101400LF	B	100	4.70 mm				
649-61083-104400LF	61083-104400LF	B	100	7.70 mm				
649-61083-142400LF	61083-142400LF	B	140	5.70 mm				
649-61083-143400LF	61083-143400LF	B	140	6.70 mm				
649-61083-181400LF	61083-181400LF	B	180	4.70 mm				
649-61083-184400LF	61083-184400LF	B	180	7.70 mm				

CONAN™ 1.0MM (.039") HIGH DENSITY STACKING CONNECTORS

Features:

- Robust high retention connection performs well in mobile applications
- Click sound verifies successful mating
- Blade-on-Beam contacts prevent stubbing
- Contact area plating: 38um PdNi
- Surface-Mount
- Current rating: 1 Amp per contact
- PCB stack height determined by plug height
- Options for 4.5mm, 5.0mm & 6.0mm stack heights also available
- Tube-packaged options are listed; tape-on-reel packaging also available
- RoHS Compliant per FCI documentation

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Positions	Height	Price Each			
					1	25	50	100
Vertical Receptacles with Orientation Posts								
649-91930-21109LF	91930-21109LF	C	9	---				
649-91930-21111LF	91930-21111LF	C	11	---				
649-91930-21115LF	91930-21115LF	C	15	---				
649-91930-21121LF	91930-21121LF	C	21	---				
649-91930-21125LF	91930-21125LF	C	25	---				
649-91930-21131LF	91930-21131LF	C	31	---				
649-91930-21141LF	91930-21141LF	C	41	---				
649-91930-21169LF	91930-21169LF	C	69	---				
Vertical Plugs with Orientation Posts								
649-91910-21109LF	91910-21109LF	D	9	4.15mm				
649-91910-21509LF	91910-21509LF	D	9	7.00mm				
649-91910-21111LF	91910-21111LF	D	11	4.15mm				
649-91910-21511LF	91910-21511LF	D	11	7.00 mm				
649-91910-21515LF	91910-21515LF	D	15	7.00 mm				
649-91910-21121LF	91910-21121LF	D	21	4.15mm				
649-91910-21521LF	91910-21521LF	D	21	7.00mm				
649-91910-21525LF	91910-21525LF	D	25	7.00mm				
649-91910-21131LF	91910-21131LF	D	31	4.15mm				
649-91910-21531LF	91910-21531LF	D	31	7.00mm				
649-91910-21541LF	91910-21541LF	D	41	7.00mm				
649-91910-21551LF	91910-21551LF	D	51	7.00mm				

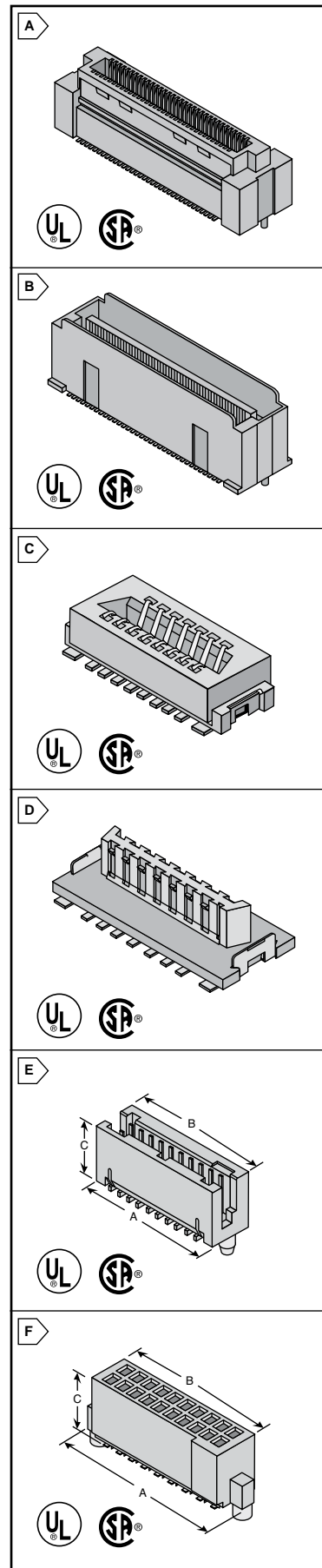
RIB-CAGE™ 1.27MM (0.050") TOLERANT STACKING CONNECTORS

Features:

- Exclusive Rib-Cage™ multi-point, gold plated receptacle contacts optimize reliability in shock-prone & high vibration applications
- Polarization prevents mis-mating
- Mated pair offered provides PCB stack height of 6.42mm
- 1.0A DC current rating
- Contact area plating: 0.76um gold/GXT over nickel

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	No. of Pos.	Dimensions: in (mm)			Price Each			
				A	B	C	1	25	50	100
Vertical SMT Headers										
649-87409-110LF	87409-110LF	E	20	0.622 (15.80)	0.525 (13.34)	0.226 (5.74)				
649-87409-115LF	87409-115LF	E	30	0.872 (22.15)	0.775 (19.68)	0.226 (5.74)				
649-87409-120LF	87409-120LF	E	40	1.122 (28.50)	1.025 (26.03)	0.226 (5.74)				
649-87409-125LF	87409-125LF	E	50	1.372 (34.85)	1.275 (32.38)	0.226 (5.74)				
Vertical SMT Receptacles										
649-87024-610LF	87024-610LF	F	20	0.620 (15.748)	0.516 (13.106)	0.187 (4.75)				
649-87024-615LF	87024-615LF	F	30	0.870 (22.098)	0.766 (19.456)	0.187 (4.75)				
649-87024-620LF	87024-620LF	F	40	1.120 (28.448)	1.016 (25.806)	0.187 (4.75)				
649-87024-625LF	87024-625LF	F	50	1.370 (34.798)	1.266 (32.156)	0.187 (4.75)				



Rectangular Connectors

FCI