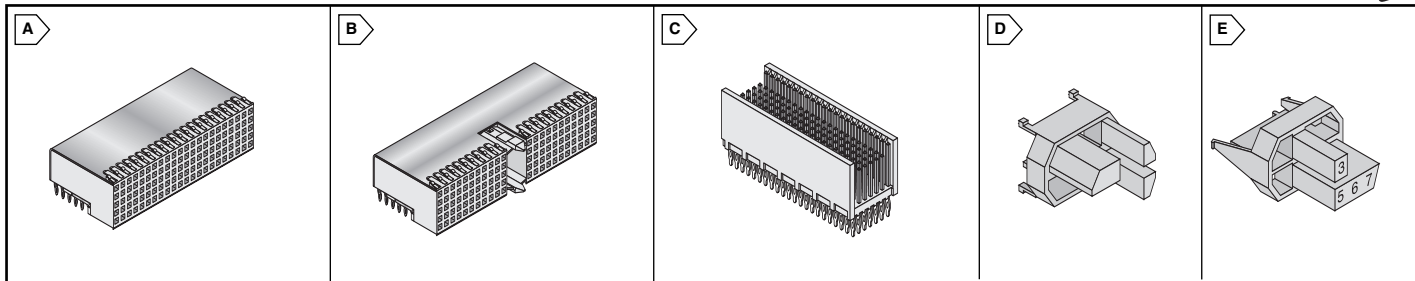


FCI Connectors



FCI COMPACTPCI®

Specifications:

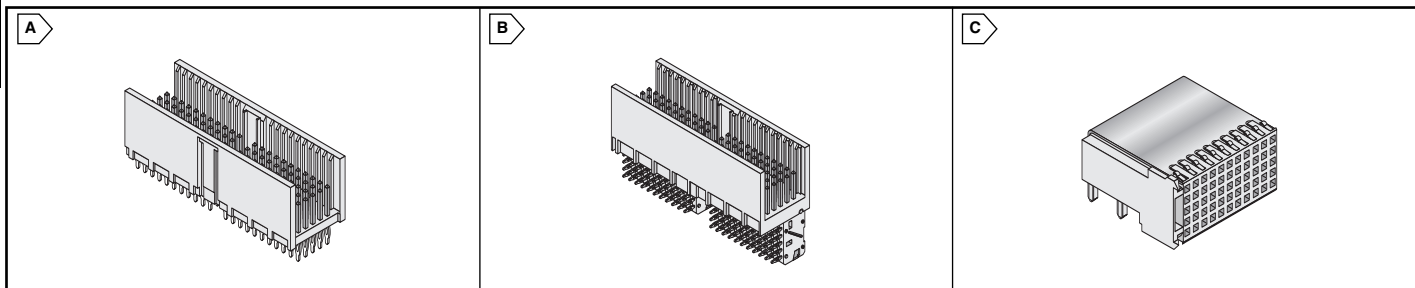
- Product Type: Signal
- Temperature Range: -55°C to +125°C
- Current Rating: 1.5A @ 20°C, 1.0A @ 70°C
- Voltage Rating: 750 Vrms
- Contact Resistance: 20mΩ max
- Insulation Resistance: 10MΩ min
- Insertion Force: 0.75 N min per contact pair
- Withdrawal Force: 0.15 N min per contact pair
- Hertz Stress: 200 Kpsi min
- Misalignment: Longitudinal ±2.0 mm, Transversal ± 2.5 mm
- Inclination: ±2.0°



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	RoHS Compliant	No. of Positions	Description	Shielded	Peg Location	Price Each		
								1	25	50
649-HM2R02PA5108N9	HM2R02PA5108N9	A	No	125	Receptacle Right Angle	---	---	9.99	9.08	8.63
649-HM2R71PA58N9LF	HM2R71PA5108N9LF	B	No	75	Receptacle Type B	Yes	No	8.58	7.80	7.41
649-HM2R01PA5108N9	HM2R01PA5108N9	B	No	110	Receptacle Type A	Yes	Yes	6.89	6.26	5.95
649-HM2R70PA5108N9	HM2R70PA5108N9	B	No	110	Receptacle Type B	Yes	No	7.84	7.13	6.77
649-HM2R10PA5108N9	HM2R10PA5108N9	B	No	110	Receptacle Type A	Yes	No	7.48	6.80	6.46
649-HM2P7PDUA1N9LF	HM2P07PDU1A1N9LF	C	No	110	Header Type A	Yes	No	5.52	5.01	4.76
649-HM2P70PDE121N9	HM2P70PDE121N9	C	No	110	Header Type B	Yes	No	5.62	5.11	4.85
649-HM2DK1248P	HM2DK1248P	D	No	---	Plug Key	---	---	.62	.57	.54
649-HM2DK3456P	HM2DK3456P	D	No	---	Plug Key	---	---	.65	.59	.56
649-HM2DK1567P	HM2DK1567P	D	No	---	Plug Key	---	---	.62	.57	.54
649-HM2DK2348R	HM2DK2348R	D	Yes	---	Plug Key	---	---	.62	.57	.54
649-HM2DK3567R	HM2DK3567R	E	No	---	Receptacle Key 3.3V	---	---	.62	.57	.54
649-HM2DK1278R	HM2DK1278R	E	Yes	---	Receptacle Key 3.3V	---	---	.65	.59	.56

FCI Backplane/Card Edge



FCI MILLIPACS® HARD METRIC 2.00MM HEADERS

Modular System with 5+2 Row High Density Connectors

Features:

- Designed in accordance with IEC917 and IEC 61076-101 as well as Compact PCI®
- Extended functionalities: Staggered contacts, shielding, keying, guiding, power, and coax inserts and shrouds
- For all applications requiring high density connections such as switches, base stations, embedded computers, medical testing, and PLC's
- Types A & B 50mm headers
- Types C 25mm end-position headers
- Types A & C offer "MP" multipurpose center for polarization, preguiding, and coding
- PCB Mounting - Press Fit

Specifications:

- Housing material: High temperature thermoplastic (UL94 V-0)
- Contact base material: Phosphor bronze
- Operating temperature: -55°C to +125°C
- Signal contact current rating: 1.5A @ 20°C; 1A @ 70°C
- Signal contact test voltage (fully loaded): 750 Vrms
- Signal contact, contact resistance: 20mΩ max.
- Signal contact insulation resistance: 10,000MΩ min.



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	FCI Part No.	Fig.	RoHS Compliant	No. of Pos.	Gender	Description	Shield	Price Each		
								1	25	50
649-2P09PD5110N9LF	HM2P09PD5110N9LF	A	Yes	55	Header	Module type C, short tails (3.7mm)	No	2.88	2.61	2.48
649-HM2P09PD5111N9	HM2P09PD5111N9	A	No	55	Header	Module type C, short tails (3.7mm)	Yes	3.16	2.87	2.73
649-HM2P07PD5110N9	HM2P07PD5110N9	A	No	110	Header	Module type A, short tails (3.7mm)	No	5.05	4.59	4.36
649-HM2P07PD5111N9	HM2P07PD5111N9	A	No	110	Header	Module type A, short tails (3.7mm)	Yes	5.62	5.11	4.85
649-HM2P08PD5110N9	HM2P08PD5110N9	A	No	125	Header	Module type B, short tails (3.7mm)	No	5.72	5.20	4.94
649-HM2P08PD5111N9	HM2P08PD5111N9	A	No	125	Header	Module type B, short tails (3.7mm)	Yes	6.37	5.79	5.50
649-HM2J07PE5110N9	HM2J07PE5110N9	B	No	110	Header	Module type A, right angle, short tails (3.7mm)	No	17.88	16.26	15.45
649-HM2R03PA5100N9	HM2R03PA5100N9	C	No	55	Receptacle	Module type C with fixing pegs, press-fit tails (2.8mm), right angle	No	3.74	3.40	3.23
649-HM2R03PA5101N9	HM2R03PA5101N9	C	No	55	Receptacle	Module type C with fixing pegs, press-fit tails (2.8mm), right angle	Yes	4.28	3.89	3.70
649-HM2R30PA5100N9	HM2R30PA5100N9	C	No	55	Receptacle	Module type C, press-fit tails (2.8mm), right angle	No	3.99	3.63	3.45
649-HM2R30PA5101N9	HM2R30PA5101N9	C	No	55	Receptacle	Module type C, press-fit tails (2.8mm), right angle	Yes	4.34	3.95	3.75
649-HM2R10PA5100N9	HM2R10PA5100N9	C	No	110	Receptacle	Module type A without pegs, press-fit tails (2.8mm), right angle	No	7.29	6.62	6.29
649-HM2R01PA5101N9	HM2R01PA5101N9	C	No	110	Receptacle	Module type A with fixing pegs, press-fit tails (2.8mm), right angle	Yes	8.02	7.29	6.93
649-HM2R10PA5101N9	HM2R10PA5101N9	C	No	110	Receptacle	Module type A, press-fit tails (2.8mm), right angle	Yes	8.02	7.29	6.93
649-HM2R02PA5100N9	HM2R02PA5100N9	C	No	125	Receptacle	Module type B, press-fit tails (2.8mm), right angle	No	7.88	7.16	6.80
649-HM2R02PA5101N9	HM2R02PA5101N9	C	No	125	Receptacle	Module type B, press-fit tails (2.8mm), right angle	Yes	9.11	8.28	7.87
649-HM2P07PK5110GF	HM2P07PK5110GF	A	No	110	Header	Module type A, rear mating tails level 1 (13.0mm)	No	9.35	8.50	8.08
649-HM2P08PK5111GF	HM2P08PK5111GF	A	No	125	Header	Module type B, rear mating tails level 1 (13.0mm)	Yes	12.26	11.14	10.58
649-HM2P09PK5110GF	HM2P09PK5110GF	A	No	55	Header	Module type C, rear mating tails level 1 (13.0mm)	No	4.87	4.43	4.21
649-HM2P09PK5111GF	HM2P09PK5111GF	A	No	55	Header	Module type C, rear mating tails level 1 (13.0mm)	Yes	5.76	5.24	4.98