

MOLEX Backplane Connectors

RoHS Compliant This product is RoHS compliant.

VHDM® H-SERIES BACKPLANE CONNECTORS

Specifications:

- Housing: Liquid Crystal Polymer, UL94V-0
- Contact: Copper (Cu) Alloy
- Signal Contact: 1.0A
- Shield Contact (6 Row): 2.0A
- Shield Contact (8 Row): 3.0A
- Power Blade: 10.0A
- Operating Temperature: -55°C to +85°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. Of Circuits	No. of Rows/Columns	Configuration	Price Each			
						1	10	25	50
6 Row Backplane Headers									
538-76761-9001	76761-9001	A	60	6 x 10	Signal End - Guide Left	16.01	15.07	14.49	13.65
538-76761-8501	76761-8501	A	150	6 x 25	Signal End - Guide Left	27.32	26.40	25.45	24.58
538-76762-9001	76762-9001	B	60	6 x 10	Shield End - Guide Right	16.01	15.07	14.49	13.65
538-76762-8501	76762-8501	B	150	6 x 25	Shield End - Guide Right	27.32	26.40	25.50	24.58
538-76763-9001	76763-9001	C	60	6 x 10	Open	15.49	14.33	13.77	12.85
538-76763-8501	76763-8501	C	150	6 x 25	Open	24.91	24.08	23.34	22.42
8 Row Backplane Headers									
538-76135-9001	76135-9001	A	80	8 x 10	Signal End - Guide Left	17.77	16.72	15.97	15.15
538-76135-8501	76135-8501	A	200	8 x 25	Signal End - Guide Left	31.85	30.78	29.87	28.66
538-76136-9001	76136-9001	B	80	8 x 10	Shield End - Guide Right	17.77	16.72	15.97	15.15
538-76136-8501	76136-8501	B	200	8 x 25	Shield End - Guide Right	31.85	30.78	29.87	28.66
538-76134-9001	76134-9001	C	80	8 x 10	Open	15.69	14.77	14.07	13.38
538-76134-8501	76134-8501	C	200	8 x 25	Open	29.89	28.88	27.98	26.89

I-TRAC™ BACKPLANE HEADERS

The I-Trac™ Backplane Connector System from Molex Incorporated features a broadside-coupled, skew equalized design capable of data rates of 12Gbps. With it's multiple benefits, including superior impedance control, lower cross-talk and higher overall bandwidth designed for both traditional and orthogonal architectures, I-Trac meets the growing demands of the next generation telecommunications and data networking equipment manufacturers. The I-Trac connector system is currently available from Molex in 7, 11 and 15-row versions, with a complete breadth of guidance and power options. Call Mouser Sales for additional info on the 7 and 15 row versions.

Specifications:

- Housing Material: Liquid Crystal Polymer (LCP)
- Glass-filled, UL94V-0
- Terminals: High Performance Copper Alloy
- Dielectric Withstanding Voltage: 750 Volts RMS
- Current and Temperature Rating: Signal Contact: 1A per contact
- Maximum Operating Temperature: 105°C

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. Of Circuits	No. of Rows/Columns	Guide	Style	Price Each			
							1	10	25	50
538-75705-1503	75705-1503	D	110	11 x 5	Unguided	Open Ends	11.11	10.15	9.28	8.48
538-75705-1603	75705-1603	D	132	11 x 6	Unguided	Open Ends	12.02	10.93	9.99	9.42
538-75705-1103	75705-1103	D	220	11 x 10	Unguided	Open Ends	16.42	15.01	14.49	14.09
538-75705-3503	75705-3503	E	110	11 x 5	Left Guide	Right Open	13.27	12.13	11.08	10.45
538-75705-3603	75705-3603	E	132	11 x 6	Left Guide	Right Open	13.47	12.32	11.69	11.25
538-75705-3103	75705-3103	E	220	11 x 10	Left Guide	Right Open	19.79	18.12	16.57	15.41
538-75705-5503	75705-5503	F	110	11 x 5	Right Guide	Left Open	13.27	12.13	11.08	10.45
538-75705-5603	75705-5603	F	132	11 x 6	Right Guide	Left Open	13.47	12.32	11.69	11.25
538-75705-5103	75705-5103	F	220	11 x 10	Right Guide	Left Open	18.02	16.47	16.02	15.47
538-75705-7503	75705-7503	G	110	11 x 5	Left Guide	Right Endwall	13.27	12.13	11.08	10.45
538-75705-7603	75705-7603	G	132	11 x 6	Left Guide	Right Endwall	13.47	12.32	11.69	11.25
538-75705-7103	75705-7103	G	220	11 x 10	Left Guide	Right Endwall	18.02	16.47	16.02	15.47
538-75705-9503	75705-9503	H	110	11 x 5	Right Guide	Left Endwall	13.27	12.13	11.08	10.12
538-75705-9603	75705-9603	H	132	11 x 6	Right Guide	Left Endwall	13.47	12.32	11.69	11.25
538-75705-9103	75705-9103	H	220	11 x 10	Right Guide	Left Endwall	18.02	16.47	16.02	15.47
538-75705-1523	75705-1523	I	110	11 x 5	Unguided	Dual Endwall	11.47	10.76	10.29	9.70
538-75705-1623	75705-1623	I	132	11 x 6	Unguided	Dual Endwall	11.90	10.88	9.94	9.33
538-75705-1123	75705-1123	I	220	11 x 10	Unguided	Dual Endwall	16.69	15.26	14.73	14.29

I-TRAC™ DAUGHTERCARD RECEPTACLES

Specifications:

- Housing Material: Liquid Crystal Polymer (LCP)
- Glass-filled, UL94V-0
- Terminals: High Performance Copper Alloy
- Dielectric Withstanding Voltage: 750 Volts RMS
- Current and Temperature Rating: Signal Contact: 1A per contact
- Maximum Operating Temperature: 105°C



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MOUSER STOCK NO.	Molex Part No.	Fig.	No. Of Circuits	No. of Rows/Columns	Guide	Price Each			
						1	10	25	50
538-75710-1005	75710-1005	J	110	11 x 5	Unguided	14.49	13.25	12.52	11.88
538-75710-1006	75710-1006	J	132	11 x 6	Unguided	17.37	15.87	14.51	13.26
538-75710-1010	75710-1010	J	220	11 x 10	Unguided	26.17	23.94	23.09	22.25
538-75710-3005	75710-3005	K	110	11 x 5	Left Guide	15.75	14.39	13.71	12.85
538-75710-3006	75710-3006	K	132	11 x 6	Left Guide	28.92	26.85	24.47	23.87
538-75710-3010	75710-3010	K	220	11 x 10	Left Guide	27.24	24.99	23.62	22.60
538-75710-5005	75710-5005	L	110	11 x 5	Right Guide	15.75	14.39	13.71	12.85
538-75710-5006	75710-5006	L	132	11 x 6	Right Guide	32.10	29.80	27.16	26.49
538-75710-5010	75710-5010	L	220	11 x 10	Right Guide	44.55	42.29	41.17	40.61

TOOLING



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Description	Price Each
538-62201-8601	62201-8601	Press Fit tool for 11 x 5 header	405.00
538-62201-8602	62201-8602	Press Fit tool for 11 x 6 header	405.00
538-62201-8603	62201-8603	Press Fit tool for 11 x 10 header	550.80
538-62201-8604	62201-8604	Press Fit tool for 11 x 5 receptacle	74.81
538-62201-8605	62201-8605	Press Fit tool for 11 x 6 receptacle	74.81
538-62201-8606	62201-8606	Press Fit tool for 11 x 10 receptacle	112.22

