

MOLEX C-Grid® Series Dual-Row Breakaway Headers (.100")

molex one company a world of innovation



This product is RoHS compliant.

.100" (2.54MM) C-GRID® BREAKAWAY HEADERS

Specifications:

- Current: 3.0A
- Voltage: 250V
- Withstanding Voltage: 1500V
- Insulation Resistance: 1000MΩ min.
- Housing: Thermoplastic, High Temperature UL 94V-0
- Contact: Phosphor Bronze
- Operating temperature: -40°C to +105°C

Features:

- Stackable side-to-side and end-to-end (on unbroken edges)
- Easy breakaway to smaller sizes
- Drawn .025" square wire provides 4-sided smooth surface for quality interface
- Mates with SL crimp and IDT housings
- RoHS Compliant per Molex documentation

Vertical Headers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions (in.)		Price Each			
				A	B	1	10	100	500
Tin Plating									
538-10-89-7041	10-89-7041	A	4	0.19	0.10	.23	.221	.214	.208
538-10-89-7061	10-89-7061	A	6	0.29	0.20	.76	.53	.304	.28
538-10-89-7081	10-89-7081	A	8	0.39	0.30	.95	.66	.44	.36
538-10-89-7101	10-89-7101	A	10	0.49	0.40	.58	.523	.374	.337
538-10-89-7121	10-89-7121	A	12	0.59	0.50	.91	.742	.542	.411
538-10-89-7141	10-89-7141	A	14	0.69	0.60	1.35	.88	.67	.64
538-10-89-7161	10-89-7161	A	16	0.79	0.70	.82	.72	.516	.44
538-10-89-7181	10-89-7181	A	18	0.89	0.80	.95	.84	.784	.71
538-10-89-7201	10-89-7201	A	20	0.99	0.90	.86	.681	.633	.60
538-10-89-7301	10-89-7301	A	30	1.49	1.40	1.73	1.69	1.65	1.32
538-10-89-7801	10-89-7801	A	80	3.99	3.90	6.12	5.06	3.80	3.16
538-70280-0448	70280-0448	A	100	4.99	4.90	4.77	3.29	2.96	2.46
15µ" Selective Gold Plating									
538-10-89-7042	10-89-7042	A	4	0.19	0.10	.36	.324	.294	.253
538-10-89-7062	10-89-7062	A	6	0.29	0.20	.67	.601	.545	.469
538-10-89-7082	10-89-7082	A	8	0.39	0.30	.61	.54	.45	.35
538-10-89-7102	10-89-7102	A	10	0.49	0.40	1.02	.92	.834	.718
538-10-89-7122	10-89-7122	A	12	0.59	0.50	1.24	1.04	.72	.60
538-10-89-7142	10-89-7142	A	14	0.69	0.60	1.39	1.24	1.13	.974
538-10-89-7162	10-89-7162	A	16	0.79	0.70	1.56	1.40	1.27	1.09
538-10-89-7182	10-89-7182	A	18	0.89	0.80	2.05	1.82	1.65	1.42
538-10-89-7202	10-89-7202	A	20	0.99	0.90	2.16	1.94	1.76	1.51
538-10-89-7242	10-89-7242	A	24	1.19	1.10	2.23	2.00	1.82	1.56
538-10-89-7262	10-89-7262	A	26	1.29	1.20	2.58	2.32	2.10	1.81
538-10-89-7302	10-89-7302	A	30	1.49	1.40	2.89	2.54	2.10	2.00
538-10-89-7342	10-89-7342	A	34	1.69	1.60	5.61	4.95	3.29	2.64
538-10-89-7402	10-89-7402	A	40	1.99	1.90	6.67	5.79	3.92	3.12
538-10-89-7802	10-89-7802	A	80	3.99	3.90	13.59	12.01	7.99	6.38
538-70280-0458	70280-0458	A	100	4.99	4.90	8.67	7.53	5.46	5.08

SMT Headers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Circuits	Dimensions (in.)		Price Each			
				A	B	1	10	100	500
Tin Plating									
538-15-91-2040	15-91-2040	B	4	0.20	0.10	.24	.206	.205	.171
538-15-91-2060	15-91-2060	B	6	0.30	0.20	.72	.444	.329	.312
538-15-91-2080	15-91-2080	B	8	0.40	0.30	.96	.592	.515	.416
538-15-91-2100	15-91-2100	B	10	0.50	0.40	1.01	.756	.502	.47
538-15-91-2120	15-91-2120	B	12	0.60	0.50	1.12	.86	.66	.52
538-15-91-2140	15-91-2140	B	14	0.70	0.60	1.30	1.01	.651	.61
538-15-91-2160	15-91-2160	B	16	0.80	0.70	1.15	1.15	.881	.705
538-15-91-2200	15-91-2200	B	20	1.00	0.90	1.80	1.39	.899	.852
15µ" Selective Gold Plating									
538-15-91-0060	15-91-0060	B	6	0.30	0.20	1.09	.58	.43	.41
538-15-91-0080	15-91-0080	B	8	0.40	0.30	1.20	.788	.599	.567
538-15-91-0100	15-91-0100	B	10	0.50	0.40	1.33	.87	.66	.63
538-15-91-0120	15-91-0120	B	12	0.60	0.50	1.37	1.21	1.05	.94
538-15-91-0140	15-91-0140	B	14	0.70	0.60	1.42	1.24	.93	.88
538-15-91-0160	15-91-0160	B	16	0.80	0.70	1.51	1.20	.98	.901
538-15-91-0180	15-91-0180	B	18	0.90	0.80	.94	.866	.85	.84
538-15-91-0200	15-91-0200	B	20	1.00	0.90	1.88	1.56	1.01	.926

Right Angle Headers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Plating	Price Each				
					1	10	100	500	
Tin									
538-71764-0008	71764-0008	C	8	0.39	0.30	1.02	.71	.47	.40
538-71764-0010	71764-0010	C	10	0.48	0.40	1.46	1.28	.86	.69
538-71764-0012	71764-0012	C	12	0.59	0.50	1.47	1.28	.86	.69
538-71764-0014	71764-0014	C	14	0.69	0.60	2.11	1.85	1.23	1.12
538-71764-0016	71764-0016	C	16	0.79	0.70	2.51	2.21	1.47	1.18
538-71764-0020	71764-0020	C	20	0.99	0.90	2.98	2.61	1.78	1.44
538-71764-0030	71764-0030	C	30	1.49	1.40	2.65	2.20	2.13	1.97
15µ" Selective Gold Plating									
538-71764-0106	71764-0106	C	6	0.29	0.20	.97	.765	.643	.517
538-71764-0108	71764-0108	C	8	0.39	0.30	1.00	.924	.64	.571
538-71764-0110	71764-0110	C	10	0.48	0.40	1.41	1.23	1.06	.90
538-71764-0114	71764-0114	C	14	0.69	0.60	3.05	2.90	2.53	2.01
538-71764-0120	71764-0120	C	20	0.99	0.90	3.46	3.05	2.65	2.45
538-71764-0130	71764-0130	C	30	1.49	1.40	8.16	7.19	4.79	3.80

Shunt/Jumpers

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Description	Plating	Price Each			
					1	10	100	500
538-15-29-1024	15-29-1024	D	Open Top	15µ" Gold	1.06	.57	.42	.40
538-15-29-1026	15-29-1026	D	Open Top	30µ" Gold	.88	.63	.46	.40
538-15-38-1024	15-38-1024	D	Open Top	150µ" Tin	.72	.39	.28	.27
538-15-29-1025	15-29-1025	D	Closed Top	15µ" Gold	.83	.49	.33	.31
538-15-29-1027	15-29-1027	D	Closed Top	30µ" Gold	1.17	.63	.46	.44
538-15-38-1026	15-38-1026	D	Closed Top	150µ" Tin	.80	.37	.25	.228

DIMENSIONS: in.

A

RoHS Compliant

B

RoHS Compliant

C

RoHS Compliant

D

RoHS Compliant

Open Top

Closed Top

Rectangular Connectors Molex