

HARWIN 1mm and 1.27mm Connectors

RoHS Compliant This product is RoHS compliant.

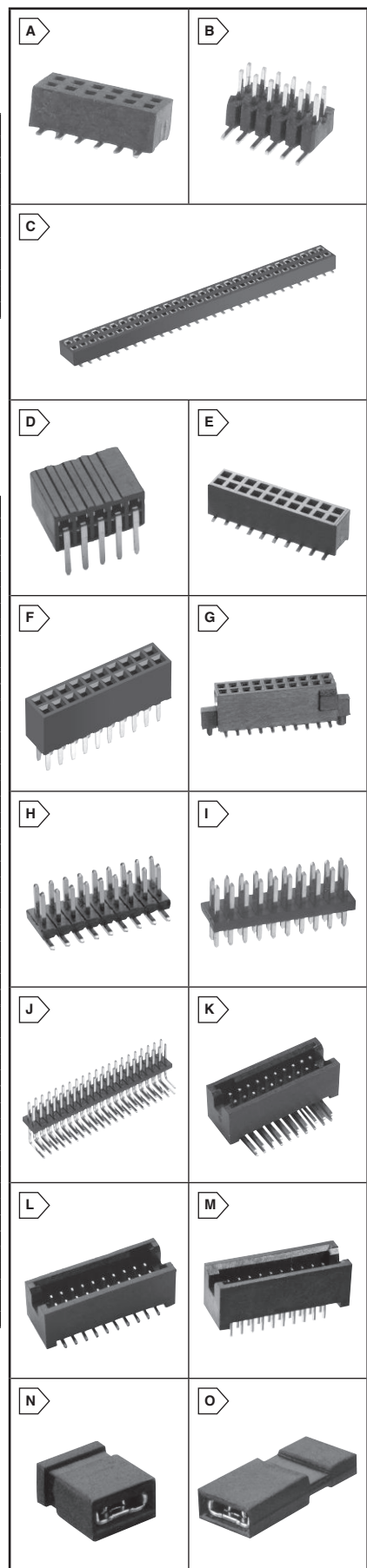
1.0MM BOARD-TO-BOARD CONNECTORS

- Dual Row, with location pegs
- Contact Resistance: 30mΩ max. Pin
- 1.8mm pin height
- 20mΩ max. Socket
- Contact Rating: .75A Pin
- 1A Socket



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Harwin Part No.	Fig.	No. of Positions	Description	Price Each			
					1	10	100	400
855-M40-3100345R	M40-3100345R	A	6	SMT Vertical Socket	1.97	1.51	1.06	.968
855-M40-3100445R	M40-3100445R	A	8	SMT Vertical Socket	2.22	1.70	1.19	1.09
855-M40-3100545R	M40-3100545R	A	10	SMT Vertical Socket	2.50	1.92	1.35	1.23
855-M40-3100645R	M40-3100645R	A	12	SMT Vertical Socket	2.75	2.11	1.48	1.35
855-M40-3101045R	M40-3101045R	A	20	SMT Vertical Socket	3.35	2.60	1.92	1.73
855-M40-3200345R	M40-3200345R	B	6	SMT Vertical Pin	1.96	1.42	.982	.827
855-M40-3200445R	M40-3200445R	B	8	SMT Vertical Pin	1.93	1.48	1.04	.95
855-M40-3200545R	M40-3200545R	B	10	SMT Vertical Pin	2.18	1.67	1.17	1.07
855-M40-3200645R	M40-3200645R	B	12	SMT Vertical Pin	2.43	1.87	1.31	1.19
855-M40-3201045R	M40-3201045R	B	20	SMT Vertical Pin	3.43	2.64	1.85	1.68



Rectangular Connectors Harwin

ARCHER M50 SERIES - DOUBLE ROW 1.27MM (.050") PITCH

Ideal for fine pitch board to board applications.

- High Temperature Plastic UL94V-0
- Current Rating: 1A per contact
- Voltage: 150V AC
- Contact Material: Copper Alloy
- Finish Material: Part # ending with 45: Gold finish; Part number ending with 42: Gold contact, tin tail
- RoHS Compliant per Harwin Documentation



Sockets For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Harwin Part No.	Fig.	Pos.	Price Each		
				1	10	25
Dual Entry Low Profile SMT Sockets, 2.2mm Mould Height						
855-M50-3150542	M50-3150542	C	10	2.88	2.43	2.21
855-M50-3150642	M50-3150642	C	12	2.98	2.52	2.30
855-M50-3150842	M50-3150842	C	16	4.20	3.56	3.23
855-M50-3151042	M50-3151042	C	20	4.99	4.22	3.91
855-M50-3151542	M50-3151542	C	30	6.86	6.35	5.68
855-M50-3152042	M50-3152042	C	40	7.08	6.46	6.15
855-M50-3152542	M50-3152542	C	50	10.87	10.06	9.01
855-M50-3155042	M50-3155042	C	100	17.99	16.20	15.27
Right Angle Horizontal Sockets, 3.45mm Mould Height						
855-M50-3200545	M50-3200545	D	10	2.10	1.73	1.57
855-M50-3200645	M50-3200645	D	12	2.18	1.80	1.65
855-M50-3200845	M50-3200845	D	16	2.98	2.47	2.21
855-M50-3201045	M50-3201045	D	20	3.20	2.70	2.50
855-M50-3201245	M50-3201245	D	24	3.87	3.58	3.21
855-M50-3201545	M50-3201545	D	30	4.45	4.12	3.69
855-M50-3202045	M50-3202045	D	40	5.50	4.65	4.20
Vertical SMT Sockets, 3.6mm Mould Height						
855-M50-3120545	M50-3120545	E	10	1.85	1.72	1.54
855-M50-3120645	M50-3120645	E	12	2.11	1.95	1.75
855-M50-3120845	M50-3120845	E	16	2.63	2.43	2.18
855-M50-3121045	M50-3121045	E	20	3.30	3.05	2.73
855-M50-3121245	M50-3121245	E	24	3.68	3.40	3.05
855-M50-3121545	M50-3121545	E	30	4.34	3.95	3.47
855-M50-3122045	M50-3122045	E	40	5.39	4.99	4.47
855-M50-3122545	M50-3122545	E	50	6.76	6.25	5.60
855-M50-3125045	M50-3125045	E	100	13.12	11.91	10.48
Vertical Sockets, 4.3mm Mould Height						
855-M50-3000545	M50-3000545	F	10	1.57	1.29	1.15
855-M50-3000645	M50-3000645	F	12	1.68	1.39	1.25
855-M50-3000845	M50-3000845	F	16	2.00	1.65	1.56
855-M50-3001045	M50-3001045	F	20	2.28	2.11	1.89
855-M50-3001245	M50-3001245	F	24	2.47	2.29	2.05
855-M50-3001545	M50-3001545	F	30	2.95	2.73	2.45
855-M50-3002045	M50-3002045	F	40	3.61	3.05	2.75
855-M50-3002545	M50-3002545	F	50	4.00	3.38	3.25
855-M50-3005045	M50-3005045	F	100	8.92	8.16	7.34
Polarized SMT Sockets, 4.4mm Mould Height						
855-M50-4300545	M50-4300545	G	10	2.00	1.65	1.45
855-M50-4300845	M50-4300845	G	16	2.98	2.47	2.34
855-M50-4301045	M50-4301045	G	20	3.36	2.83	2.62
855-M50-4301545	M50-4301545	G	30	4.45	4.12	3.69
855-M50-4302045	M50-4302045	G	40	5.50	4.79	4.23
855-M50-4302545	M50-4302545	G	50	6.08	5.55	5.26
855-M50-4305045	M50-4305045	G	100	13.07	11.87	10.45

Headers For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Harwin Part No.	Fig.	Pos.	Price Each		
				1	10	25
SMT Pin Headers, 3.0mm Post						
855-M50-3600542	M50-3600542	H	10	1.30	1.07	.974
855-M50-3600642	M50-3600642	H	12	1.43	1.18	1.09
855-M50-3600842	M50-3600842	H	16	1.65	1.36	1.24
855-M50-3601042	M50-3601042	H	20	1.99	1.64	1.48
855-M50-3601242	M50-3601242	H	24	2.09	1.94	1.74
855-M50-3601542	M50-3601542	H	30	2.63	2.43	2.17
855-M50-3602042	M50-3602042	H	40	3.08	2.69	2.47
855-M50-3602542	M50-3602542	H	50	3.25	2.74	2.53
Vertical Pin Headers, 3.0mm Post						
855-M50-3500542	M50-3500542	I	10	1.24	1.02	.95
855-M50-3500642	M50-3500642	I	12	1.43	1.17	1.04
855-M50-3500842	M50-3500842	I	16	1.56	1.28	1.18
855-M50-3501042	M50-3501042	I	20	1.71	1.41	1.25
855-M50-3501242	M50-3501242	I	24	1.63	1.48	1.30
855-M50-3501542	M50-3501542	I	30	2.28	2.11	1.89
855-M50-3502042	M50-3502042	I	40	2.72	2.30	2.05
855-M50-3502542	M50-3502542	I	50	3.30	2.78	2.52
855-M50-3505042	M50-3505042	I	100	6.74	5.59	5.11
Right Angle Pin Headers, 3.8mm Post						
855-M50-3900542	M50-3900542	J	10	1.53	1.26	1.12
855-M50-3900642	M50-3900642	J	12	1.65	1.35	1.23
855-M50-3900842	M50-3900842	J	16	1.96	1.62	1.49
855-M50-3901042	M50-3901042	J	20	2.39	1.97	1.83
855-M50-3901242	M50-3901242	J	24	2.36	2.16	1.91
855-M50-3901542	M50-3901542	J	30	3.17	2.93	2.62
855-M50-3902542	M50-3902542	J	50	4.38	3.85	3.38
855-M50-3905042	M50-3905042	J	100	9.32	7.68	6.95
Polarized Right Angle Pin Headers						
855-M50-4800545	M50-4800545	K	10	2.52	2.34	2.09
855-M50-4800845	M50-4800845	K	16	4.64	4.29	3.85
855-M50-4801045	M50-4801045	K	20	3.48	3.22	2.89
855-M50-4801545	M50-4801545	K	30	7.42	6.73	5.93
855-M50-4802545	M50-4802545	K	50	13.36	12.36	11.07
Polarized SMT Pin Headers						
855-M50-4900545	M50-4900545	L	10	2.31	1.91	1.73
855-M50-4900645	M50-4900645	L	12	2.68	2.22	2.10
855-M50-4900845	M50-4900845	L	16	2.76	2.33	2.17
855-M50-4901045	M50-4901045	L	20	3.46	2.92	2.75
855-M50-4901545	M50-4901545	L	30	4.50	4.17	3.73
855-M50-4902045	M50-4902045	L	40	6.27	5.30	4.94
855-M50-4902545	M50-4902545	L	50	7.38	6.73	6.31
855-M50-4905045	M50-4905045	L	100	13.49	11.42	10.54
Polarized Shrouded Pin Headers						
855-M50-4700645	M50-4700645	M	12	3.11	2.84	2.48
855-M50-4700845	M50-4700845	M	16	4.41	4.00	3.53
855-M50-4701045	M50-4701045	M	20	3.53	3.27	2.93
855-M50-4701545	M50-4701545	M	30	8.08	7.47	6.69
855-M50-4702545	M50-4702545	M	50	13.57	12.56	11.22

ARCHER M50 JUMPER SOCKETS/SHUNTS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Harwin Part No.	Fig.	Color	Price Each		
				1	10	25
855-M50-1900005	M50-1900005	N	Black	.22	.198	.177
855-M50-1920005	M50-1920005	N	Red	.22	.198	.177
855-M50-1930005	M50-1930005	N	Blue	.22	.198	.177
855-M50-2000005	M50-2000005	O	Black	.22	.198	.177
855-M50-2020005	M50-2020005	O	Red	.22	.198	.177
855-M50-2030005	M50-2030005	O	Blue	.22	.198	.177