

HARWIN Fine Pitch and PC/104 Connectors



RoHS Compliant This product is RoHS compliant.



RoHS Compliant
For quantities greater than listed, call for quote.

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

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

2MM HEADERS

- Moulding Material: High Temperature Plastic, UL94V-0
- Contact Material: Copper Alloy
- Current Rating: 2A per single contact, 1A all contacts
- Plating: Gold
- Contact Resistance: 30mΩ max
- 2.4mm tails
- Voltage Rating: 250V AC/DC
- RoHS Compliant per Harwin Documentation
- Insulation Resistance: 100 MΩ min

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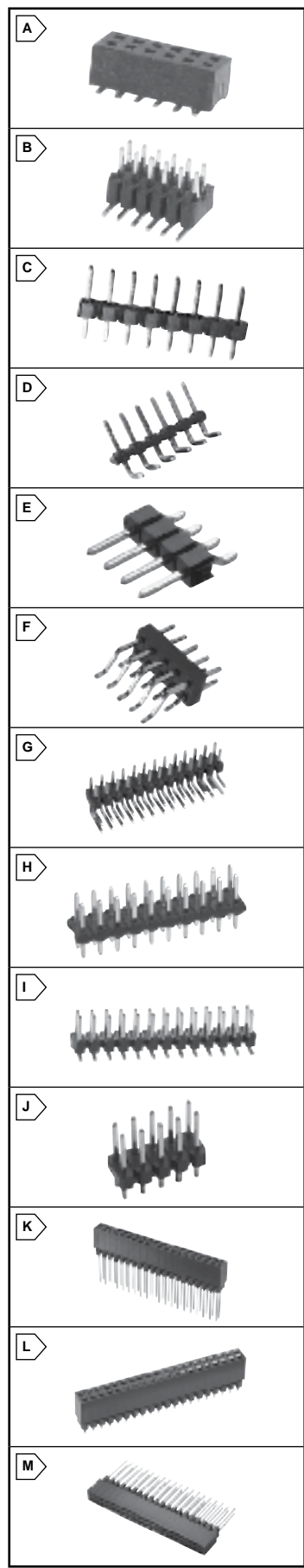
MOUSER STOCK NO.	Harwin Part No.	Fig.	No. of Positions	Port Size (mm)	Description	Price Each		
						1	10	25
Single Row								
855-M22-2510205	M22-2510205	C	2	3.5	Vertical Pin	.33	.20	.15
855-M22-2510305	M22-2510305	C	3	3.5	Vertical Pin	.38	.23	.18
855-M22-2510405	M22-2510405	C	4	3.5	Vertical Pin	.37	.25	.22
855-M22-2510505	M22-2510505	C	5	3.5	Vertical Pin	.46	.31	.28
855-M22-2510605	M22-2510605	C	6	3.5	Vertical Pin	.55	.38	.33
855-M22-2511005	M22-2511005	C	10	3.5	Vertical Pin	.76	.59	.55
855-M22-2511405	M22-2511405	C	14	3.5	Vertical Pin	.66	.60	.56
855-M22-2512005	M22-2512005	C	20	3.5	Vertical Pin	1.05	.94	.86
855-M22-2530205	M22-2530205	D	2	3.5	Right Angle Pin	.12	.11	.10
855-M22-2530305	M22-2530305	D	3	3.5	Right Angle Pin	.17	.16	.15
855-M22-2530505	M22-2530505	D	5	3.5	Right Angle Pin	.30	.28	.25
855-M22-2530605	M22-2530605	D	6	3.5	Right Angle Pin	.35	.31	.27
855-M22-2531405	M22-2531405	D	14	3.5	Right Angle Pin	1.02	.99	.90
855-M22-2532005	M22-2532005	D	20	3.5	Right Angle Pin	1.48	1.38	1.22
855-M22-5330205	M22-5330205	E	2	4.0	Right Angle SMT Pin	.24	.21	.199
855-M22-5330305	M22-5330305	E	3	4.0	Right Angle SMT Pin	.39	.36	.303
855-M22-5330405	M22-5330405	E	4	4.0	Right Angle SMT Pin	.49	.45	.406
855-M22-5330505	M22-5330505	E	5	4.0	Right Angle SMT Pin	.63	.58	.507
855-M22-5330605	M22-5330605	E	6	4.0	Right Angle SMT Pin	.72	.66	.58
855-M22-5331405	M22-5331405	E	14	4.0	Right Angle SMT Pin	1.74	1.57	1.38
Double Row								
855-M22-5430405	M22-5430405	F	8	3.2	RA SMT Pin w/ Location Pegs	1.13	1.03	.916
855-M22-5430505	M22-5430505	F	10	3.2	RA SMT Pin w/ Location Pegs	1.41	1.27	1.12
855-M22-2540205	M22-2540205	G	4	3.5	Right Angle Pin	.26	.25	.23
855-M22-2540305	M22-2540305	G	6	3.5	Right Angle Pin	.35	.31	.27
855-M22-2540405	M22-2540405	G	8	3.5	Right Angle Pin	.44	.40	.38
855-M22-2540605	M22-2540605	G	12	3.5	Right Angle Pin	.66	.60	.56
855-M22-2541005	M22-2541005	G	20	3.5	Right Angle Pin	1.15	1.08	.95
855-M22-2541405	M22-2541405	G	28	3.5	Right Angle Pin	1.59	1.48	1.31
855-M22-2542005	M22-2542005	G	40	3.5	Right Angle Pin	2.55	2.40	2.27
855-M22-2520205	M22-2520205	H	4	3.5	Vertical Pin	.37	.25	.22
855-M22-2520305	M22-2520305	H	6	3.5	Vertical Pin	.55	.38	.33
855-M22-2520405	M22-2520405	H	8	3.5	Vertical Pin	.57	.44	.39
855-M22-2520505	M22-2520505	H	10	3.5	Vertical Pin	.68	.53	.49
855-M22-2520605	M22-2520605	H	12	3.5	Vertical Pin	.84	.64	.60
855-M22-2521005	M22-2521005	H	20	3.5	Vertical Pin	1.20	.99	.90
855-M22-2521405	M22-2521405	H	28	3.5	Vertical Pin	1.43	1.33	1.18
855-M22-2522005	M22-2522005	H	40	3.5	Vertical Pin	2.03	1.89	1.68
855-M22-5320205	M22-5320205	I	4	3.5	SMT Vertical Pin	.68	.53	.50
855-M22-5320305	M22-5320305	I	6	3.5	SMT Vertical Pin	.80	.62	.57
855-M22-5320405	M22-5320405	I	8	3.5	SMT Vertical Pin	.88	.72	.66
855-M22-5320605	M22-5320605	I	12	3.5	SMT Vertical Pin	1.27	1.05	.95
855-M22-5321005	M22-5321005	I	20	3.5	SMT Vertical Pin	1.83	1.51	1.35
855-M22-5322005	M22-5322005	I	40	3.5	SMT Vertical Pin	3.15	2.86	2.52
855-M22-2580205	M22-2580205	J	4	5.0	Vertical Pin	.27	.25	.215
855-M22-2580305	M22-2580305	J	6	5.0	Vertical Pin	.43	.40	.351
855-M22-2580405	M22-2580405	J	8	5.0	Vertical Pin	.58	.52	.457
855-M22-2580505	M22-2580505	J	10	5.0	Vertical Pin	.69	.64	.564
855-M22-2581005	M22-2581005	J	20	5.0	Vertical Pin	1.39	1.27	1.12
855-M22-2581405	M22-2581405	J	28	5.0	Vertical Pin	2.00	1.82	1.59
855-M22-2582005	M22-2582005	J	40	5.0	Vertical Pin	2.83	2.58	2.26

PC/104 CONNECTORS

- 2.54mm Pitch
- 32+32 way Supports an 8-bit system
- Current Rating: Solder Tail: 3A max
- Gold Finish
- 20+20 way combined with 32+32 ways
- Press Fit Tail: 2A max
- Contacts: Phosphor Bronze
- supports a 16-bit system
- Temp Range: -55°C to 105°C

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MOUSER STOCK NO.	Harwin Part No.	Fig.	Description	Price Each			
				1	10	25	50
855-M20-6102005	M20-6102005	K	20+20 Stackthrough, 12.2mm Solder Tail	3.77	3.18	2.83	2.75
855-M20-6103205	M20-6103205	K	32+32 Stackthrough, 12.2mm Solder Tail	5.80	4.91	4.36	4.23
855-M20-6112005	M20-6112005	L	20+20 Non-Stackthrough, 2.3mm Solder Tail	3.27	2.76	2.52	2.38
855-M20-6113205	M20-6113205	L	32+32 Non-Stackthrough, 2.3mm Solder Tail	4.81	4.09	3.57	3.52
855-M20-6152005	M20-6152005	M	20+20 Stackthrough, 12.2mm Press Fit	9.60	9.04	8.40	8.19
855-M20-6153205	M20-6153205	M	32+32 Stackthrough, 12.2mm Press Fit	10.47	9.85	9.33	8.93



Rectangular Connectors Harwin

