

3M™ 2mm x 2mm Headers and Sockets



158 AND 159 SERIES 2MM X 2MM SOCKETS AND HEADERS

RoHS Compliant This product is RoHS compliant.



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Dimensions: in.(mm)		Price Each				
				A	B	1	25	50	100	
Wiremount IDC Sockets										
517-158208-0120	158208-0120	A	8	8.39 (.330)	14.64 (.576)	2.05	1.92	1.81	1.71	
517-158210-0120	158210-0120	A	10	10.39 (.409)	16.64 (.655)	2.14	2.00	1.89	1.78	
517-158220-0120	158220-0120	A	20	20.39 (.803)	26.64 (1.049)	2.58	2.42	2.28	2.15	
517-158226-0120	158226-0120	A	26	26.39 (1.039)	32.64 (1.285)	2.85	2.67	2.51	2.38	
517-158234-0120	158234-0120	A	34	34.39 (1.354)	40.64 (1.600)	3.20	3.00	2.83	2.67	
517-158250-0120	158250-0120	A	50	50.39 (1.984)	56.64 (2.230)	3.92	3.67	3.46	3.26	
Strain Relief										
517-3448-15808	3448-15808	-	8	-	-	.33	.313	.294	.278	
517-3448-15810	3448-15810	-	10	-	-	.33	.313	.294	.278	
517-3448-15820	3448-15820	-	20	-	-	.38	.354	.333	.315	
517-3448-15826	3448-15826	-	26	-	-	.38	.354	.333	.315	
517-3448-15834	3448-15834	-	34	-	-	.44	.417	.392	.37	
517-3448-15850	3448-15850	-	50	-	-	.44	.417	.392	.37	
Vertical Thru Hole Headers										
517-159108-6012	159108-6012	B	8	8.35 (.329)	-	1.45	1.36	1.28	1.21	
517-159110-6012	159110-6012	B	10	12.35 (.486)	-	1.54	1.44	1.36	1.28	
517-159120-6002	159120-6002	C	20	22.35 (.880)	-	1.98	1.86	1.75	1.65	
517-159126-6002	159126-6002	C	26	28.35 (1.116)	-	2.25	2.11	1.99	1.88	
517-159134-6002	159134-6002	C	34	36.35 (1.431)	-	2.60	2.44	2.30	2.17	
517-159150-6002	159150-6002	C	50	52.35 (2.061)	-	3.32	3.11	2.93	2.76	
Right Angle Thru Hole Headers										
517-159108-5012	159108-5012	D	8	8.35 (.329)	-	1.67	1.57	1.48	1.39	
517-159110-5012	159110-5012	D	10	12.35 (.486)	-	1.76	1.65	1.55	1.47	
517-159120-5002	159120-5002	E	20	22.35 (.880)	-	2.20	2.07	1.95	1.84	
517-159126-5002	159126-5002	E	26	28.35 (1.116)	-	2.47	2.32	2.18	2.06	
517-159134-5002	159134-5002	E	34	36.35 (1.431)	-	2.83	2.65	2.50	2.36	
517-159150-5002	159150-5002	E	50	52.35 (2.061)	-	3.54	3.32	3.12	2.95	
Vertical SMT Headers										
517-159108-2012	159108-2012	F	8	8.35 (.329)	-	1.89	1.78	1.67	1.58	
517-159110-2012	159110-2012	F	10	12.35 (.486)	-	1.98	1.86	1.75	1.65	
517-159120-2002	159120-2002	G	20	22.35 (.880)	-	2.43	2.28	2.14	2.02	
517-159126-2002	159126-2002	G	26	28.35 (1.116)	-	2.69	2.53	2.38	2.25	
517-159134-2002	159134-2002	G	34	36.35 (1.431)	-	3.05	2.86	2.69	2.54	
517-159150-2002	159150-2002	G	50	52.35 (2.061)	-	3.76	3.53	3.32	3.13	

3M Rectangular Connectors

15XX 2MM X 2MM HEADERS AND SOCKETS



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MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Pin Length (in.)	Price Each			
					1	25	50	100
Straight Header								
517-151210-8322-RB	151210-8322-RB	H	10	.130	.89	.761	.698	.671
517-151212-8322-RB	151212-8322-RB	H	12	.130	1.04	.87	.81	.79
517-151220-8322-RB	151220-8322-RB	H	20	.130	1.60	1.55	1.40	1.21
517-151226-8322-RB	151226-8322-RB	H	26	.130	2.07	1.74	1.63	1.52
517-151240-8322-RB	151240-8322-RB	H	40	.130	3.01	2.71	2.47	2.27
517-151250-8322-RB	151250-8322-RB	H	50	.130	3.72	3.14	2.88	2.82
Right Angle Header								
517-151210-7422-RB	151210-7422-RB	I	10	.152	1.00	.889	.804	.758
517-151220-7422-RB	151220-7422-RB	I	20	.152	2.25	2.00	1.80	1.64
517-151230-7422-RB	151230-7422-RB	I	30	.152	2.74	2.62	2.38	2.08
517-151240-7422-RB	151240-7422-RB	I	40	.152	4.35	3.87	3.48	3.16
517-151250-7422-RB	151250-7422-RB	I	50	.152	4.48	3.90	3.59	3.34
Straight Socket								
517-150210-6002-RB	150210-6002-RB	J	10	.389 (9.83)	1.71	1.63	1.54	1.29
517-150220-6002-RB	150220-6002-RB	J	20	.782 (19.86)	2.02	1.75	1.62	1.52
517-150226-6002-RB	150226-6002-RB	J	26	1.019 (25.83)	2.18	1.99	1.86	1.65
517-150230-6002-RB	150230-6002-RB	J	30	1.176 (29.87)	2.31	2.11	1.91	1.75
517-150240-6002-RB	150240-6002-RB	J	40	1.57 (39.88)	2.60	2.27	2.09	1.96
517-150244-6002-RB	150244-6002-RB	J	44	1.727 (43.87)	2.75	2.64	2.50	2.08
517-150250-6002-RB	150250-6002-RB	J	50	1.964 (49.89)	2.93	2.66	2.51	2.22
Right Angle Socket								
517-150210-5002-RB	150210-5002-RB	K	10	.389 (9.83)	4.94	4.44	4.20	3.95
517-150220-5002-RB	150220-5002-RB	K	20	.782 (19.86)	5.57	4.68	4.32	4.22
517-150240-5002-RB	150240-5002-RB	K	40	1.57 (39.88)	6.12	5.56	5.25	4.64
517-150244-5002-RB	150244-5002-RB	K	44	1.727 (43.87)	6.22	5.67	5.35	4.72

IDC Socket 1mm Pitch Cable

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MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Assem. Height w/o Strain Relief mm (in.)	Price Each			
					1	25	50	100
517-152210-0100	152210-0100-GB	L	10	7.4 (0.290)	2.98	2.51	2.31	2.23
517-152212-0100	152212-0100-GB	L	12	7.4 (0.290)	3.01	2.68	2.40	2.26
517-152220-0100	152220-0100-GB	L	20	7.4 (0.290)	4.17	3.51	3.23	3.13
517-152226-0100	152226-0100-GB	L	26	7.4 (0.290)	3.98	3.35	3.08	2.98
517-152240-0100	152240-0100-GB	L	40	7.4 (0.290)	4.17	3.51	3.23	3.13
517-152244-0100	152244-0100-GB	L	44	7.4 (0.290)	4.27	3.60	3.31	3.20
517-152250-0100	152250-0100-GB	L	50	7.4 (0.290)	4.35	3.67	3.37	3.27

