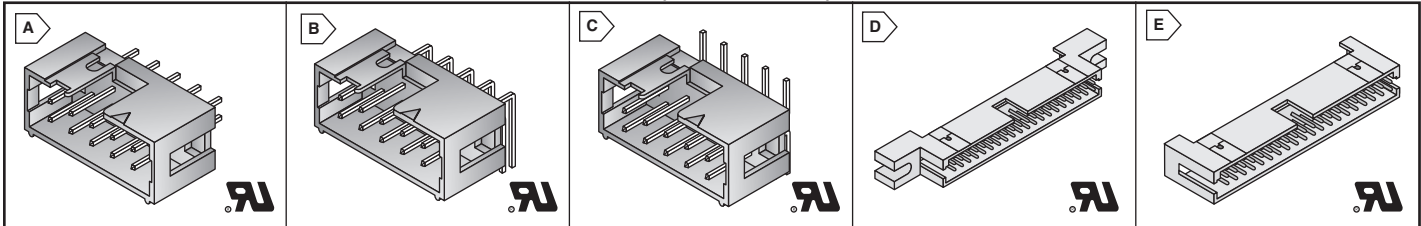


3M™ .100" x .100" Headers



RoHS Compliant This product is RoHS compliant.



2500 SERIES .100" X .100" LOW PROFILE BOX HEADERS

Specifications:

- Solder Tail Type
- Low profile, space saving design
- High temperature insulator suitable for "no lead" soldering operations
- Suitable for reflow soldering using "paste in hole" techniques
- Insulation material: Glass filled polyester (PCT)
- Flammability: UL 94V-0
- Color: Black
- Contact material: Copper Alloy
- Contact plating: 30µ" Gold
- Terminal finish indicator: e3 (per JESD97)
- Current rating: 2A
- Insulation resistance: >1x 10⁹ @ 500VDC
- Withstanding voltage: 1000 Vrms @ sea level
- Temperature rating: -55°C to +105°C
- Process rating: Maximum 260°C, single pass, (profile per J-STD-020C)
- Moisture sensitivity level: 1 (per J-STD-020C)
- Mates w/socket series: CHG, 8500, 3000, and 891
- RoHS compliant per 3M documentation

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
Straight - Through Hole							
517-N2510-6002RB	N2510-6002RB	A	10	1.37	1.25	1.19	1.12
517-N2514-6002RB	N2514-6002RB	A	14	1.41	1.29	1.22	1.16
517-N2516-6002RB	N2516-6002RB	A	16	1.58	1.44	1.37	1.29
517-N2520-6002RB	N2520-6002RB	A	20	1.64	1.50	1.42	1.34
517-N2524-6002RB	N2524-6002RB	A	24	1.75	1.60	1.51	1.43
517-N2526-6002RB	N2526-6002RB	A	26	1.77	1.62	1.53	1.45
517-N2530-6002RB	N2530-6002RB	A	30	2.04	1.86	1.76	1.67
517-N2534-6002RB	N2534-6002RB	A	34	2.12	1.94	1.84	1.73
517-N2540-6002RB	N2540-6002RB	A	40	2.27	2.07	1.96	1.85
517-N2550-6002RB	N2550-6002RB	A	50	2.81	2.57	2.43	2.30
517-N2560-6002RB	N2560-6002RB	A	60	2.81	2.61	2.40	2.30
517-N2564-6002RB	N2564-6002RB	A	64	2.98	2.77	2.55	2.39
Right Angle - Through Hole							
517-N2510-5002RB	N2510-5002RB	B	10	1.52	1.39	1.31	1.24
517-N2514-5002RB	N2514-5002RB	B	14	1.56	1.43	1.35	1.28
517-N2516-5002RB	N2516-5002RB	B	16	1.75	1.60	1.51	1.43
517-N2520-5002RB	N2520-5002RB	B	20	1.83	1.67	1.58	1.50
517-N2524-5002RB	N2524-5002RB	B	24	1.91	1.72	1.63	1.45
517-N2526-5002RB	N2526-5002RB	B	26	1.93	1.77	1.67	1.58
517-N2530-5002RB	N2530-5002RB	B	30	2.62	2.36	2.21	1.99
517-N2534-5002RB	N2534-5002RB	B	34	2.31	2.11	2.00	1.89
517-N2540-5002RB	N2540-5002RB	B	40	2.50	2.28	2.16	2.04
517-N2550-5002RB	N2550-5002RB	B	50	3.08	2.81	2.66	2.52
517-N2560-5002RB	N2560-5002RB	B	60	3.08	2.87	2.64	2.45
Straight - Surface Mount							
517-N2510-6VOC-RB-WD	N2510-6VOC-RB-WD	C	10	1.52	1.45	1.37	1.30
517-N2514-6VOC-RB-WD	N2514-6VOC-RB-WD	C	14	1.56	1.49	1.41	1.33
517-N2516-6VOC-RB-WE	N2516-6VOC-RB-WE	C	16	1.72	1.64	1.55	1.47
517-N2520-6VOC-RB-WE	N2520-6VOC-RB-WE	C	20	1.78	1.70	1.61	1.52
517-N2524-6VOC-RB-WE	N2524-6VOC-RB-WE	C	24	1.88	1.79	1.70	1.60
517-N2526-6VOC-RB-WF	N2526-6VOC-RB-WF	C	26	1.90	1.81	1.71	1.62
517-N2530-6VOC-RB-WF	N2530-6VOC-RB-WF	C	30	2.16	2.06	1.95	1.84
517-N2534-6VOC-RB-WF	N2534-6VOC-RB-WF	C	34	2.24	2.13	2.02	1.91
517-N2540-6VOC-RB-WH	N2540-6VOC-RB-WG	C	40	2.38	2.27	2.15	2.03
517-N2550-6VOC-RB-WG	N2550-6VOC-RB-WG	C	50	2.90	2.76	2.61	2.47
517-N2560-6VOC-RB-WH	N2560-6VOC-RB-WH	C	60	3.44	3.27	2.99	2.71

D2500 SERIES .100" X .100" LOW PROFILE BOX HEADERS

Specifications:

- Contact Plating 10µ" Gold
- Low profile, space saving design
- High temperature insulator suitable for "no lead" soldering operations
- Insulation material: Glass filled polyester (PCT)
- Flammability: UL 94V-0
- Color: Black



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
Straight - Through Hole							
517-D2510-6002-AR	D2510-6002-AR	A	10	.92	.79	.73	.69
517-D2514-6002-AR	D2514-6002-AR	A	14	1.04	.89	.82	.78
517-D2516-6002-AR	D2516-6002-AR	A	16	1.16	1.00	.92	.87
517-D2520-6002-AR	D2520-6002-AR	A	20	1.20	1.03	.95	.90
517-D2526-6002-AR	D2526-6002-AR	A	26	1.31	1.12	1.03	.98
517-D2530-6002-AR	D2530-6002-AR	A	30	1.51	1.29	1.19	1.13
517-D2534-6002-AR	D2534-6002-AR	A	34	1.57	1.35	1.24	1.18
517-D2540-6002-AR	D2540-6002-AR	A	40	1.67	1.43	1.32	1.26
517-D2550-6002-AR	D2550-6002-AR	A	50	2.06	1.77	1.63	1.55
Right Angle - Through Hole							
517-D2510-5002-AR	D2510-5002-AR	B	10	1.00	.86	.79	.75
517-D2514-5002-AR	D2514-5002-AR	B	14	1.14	.98	.90	.86
517-D2516-5002-AR	D2516-5002-AR	B	16	1.29	1.10	1.02	.97
517-D2520-5002-AR	D2520-5002-AR	B	20	1.35	1.15	1.06	1.01
517-D2526-5002-AR	D2526-5002-AR	B	26	1.43	1.22	1.13	1.07
517-D2530-5002-AR	D2530-5002-AR	B	30	1.94	1.66	1.53	1.46
517-D2534-5002-AR	D2534-5002-AR	B	34	1.69	1.45	1.34	1.27
517-D2540-5002-AR	D2540-5002-AR	B	40	1.84	1.57	1.45	1.38
517-D2550-5002-AR	D2550-5002-AR	B	50	2.27	1.94	1.79	1.70
Straight - Surface Mount							
517-D2510-6VOC-AR-WD	D2510-6VOC-AR-WD	C	10	1.02	.87	.81	.77
517-D2514-6VOC-AR-WD	D2514-6VOC-AR-WD	C	14	1.20	1.03	.95	.90
517-D2516-6VOC-AR-WE	D2516-6VOC-AR-WE	C	16	1.33	1.14	1.05	1.00
517-D2520-6VOC-AR-WE	D2520-6VOC-AR-WE	C	20	1.37	1.17	1.08	1.03
517-D2526-6VOC-AR-WF	D2526-6VOC-AR-WF	C	26	1.45	1.24	1.15	1.09
517-D2530-6VOC-AR-WF	D2530-6VOC-AR-WF	C	30	1.65	1.42	1.31	1.24
517-D2534-6VOC-AR-WF	D2534-6VOC-AR-WF	C	34	1.71	1.47	1.35	1.29
517-D2540-6VOC-AR-WH	D2540-6VOC-AR-WH	C	40	1.82	1.56	1.44	1.37
517-D2550-6VOC-AR-WG	D2550-6VOC-AR-WG	C	50	2.22	1.91	1.76	1.67

303 SERIES .100" X .100", LOW PROFILE BOX HEADERS

Specifications:

- Sturdy body
- End windows
- Insulation material: Glass filled polyester (PBT)
- Flammability: UL94V-0
- Insulation color: Black
- Contact material: Brass
- Contact plating: Gold flash
- Current rating: 1A
- Insulation resistance: >1x 10⁹ @ 500VDC
- Withstanding voltage: 500Vrms @ sea level
- Temperature rating: -55°C to +105°C
- Mates with socket series: CHG, 8500, 3000, & 891
- RoHS compliant per 3M documentation

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
Straight - Through Hole							
517-30310-6002	30310-6002HB	A	10	.41	.39	.36	.35
517-30314-6002	30314-6002HB	A	14	1.00	.85	.78	.75
517-30316-6002	30316-6002HB	A	16	.53	.52	.51	.49
517-30320-6002	30320-6002HB	A	20	.57	.54	.51	.49
517-30326-6002	30326-6002HB	A	26	.62	.59	.57	.53
517-30334-6002	30334-6002HB	A	34	.92	.84	.75	.69
517-30340-6002	30340-6002HB	A	40	.89	.82	.78	.74
517-30350-6002	30350-6002HB	A	50	.62	.59	.57	.53
Right Angle - Through Hole							
517-30310-5002	30310-5002HB	B	10	.55	.52	.49	.47
517-30314-5002	30314-5002HB	B	14	.63	.60	.57	.55
517-30316-5002	30316-5002HB	B	16	.90	.86	.82	.78
517-30320-5002	30320-5002HB	B	20	.65	.62	.59	.57
517-30326-5002	30326-5002HB	B	26	.75	.72	.69	.67
517-30334-5002	30334-5002HB	B	34	1.14	.98	.90	.86
517-30340-5002	30340-5002HB	B	40	1.35	1.25	1.13	1.01
517-30350-5002	30350-5002HB	B	50	.75	.69	.63	.61

4600 SERIES .100" X .100" WIREMOUNT PLUGS IDC SHROUDED HEADERS

Features:

- Shrouded to protect against physical and chemical pin damage
- Accepts flat cable or discrete wire
- Insulation material: Glass filled polyester (PBT)
- Flammability: UL 94V-0
- Color: Gray
- Contact material: Copper alloy
- Wire Accommodation: 26 and 28 AWG solid or stranded
- RoHS compliant per 3M documentation
- Current rating: 1A
- Temperature rating: -55°C to +105°C
- Plating: 30µ" Gold
- Open end cover included
- Mates with socket series: CHG, 8500, 3000, and 891

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
With Mounting Flange							
517-4610-6050	4610-6050	D	10	2.95	2.70	2.55	2.42
517-4614-6000	4614-6000	D	14	4.10	3.74	3.49	3.15
517-4616-6000	4616-6000	D	16	4.64	4.24	3.94	3.57
517-4620-6000	4620-6000	D	20	5.41	4.94	4.60	4.16
517-4624-6000	4624-6000	D	24	5.95	5.00	4.75	4.51
517-4626-6000	4626-6000	D	26	6.15	5.63	5.24	4.74
517-4634-6000	4634-6000	D	34	7.63	6.97	6.50	5.88
517-4640-6000	4640-6000	D	40	8.47	7.73	7.20	6.51
517-4650-6000	4650-6000	D	50	9.18	8.38	7.81	7.05
517-4660-6000	4660-6000	D	60	10.82	9.10	8.84	8.21
Without Mounting Flange							
517-4610-6051	4610-6051	E	10	2.95	2.70	2.55	2.42
517-4614-6001	4614-6001	E	14	4.10	3.74	3.49	3.15
517-4616-6001	4616-6001	E	16	4.64	4.24	3.94	3.57
517-4620-6001	4620-6001	E	20	5.41	4.94	4.60	4.16
517-4624-6001	4624-6001	E	24	5.95	5.00	4.87	4.51
517-4626-6001	4626-6001	E	26	6.15	5.63	5.24	4.74
517-4634-6001	4634-6001	E	34	7.63	6.97	6.50	5.88
517-4640-6001	4640-6001	E	40	8.47	7.73	7.20	6.51
517-4650-6001	4650-6001	E	50	9.18	8.38	7.81	7.05
517-4660-6001	4660-6001	E	60	10.82	9.10	8.84	8.21

Accessories

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Description	Price Each			
			1	25	50	100
517-3448-4610	3448-4610	10P strain relief	.59	.55	.53	.51