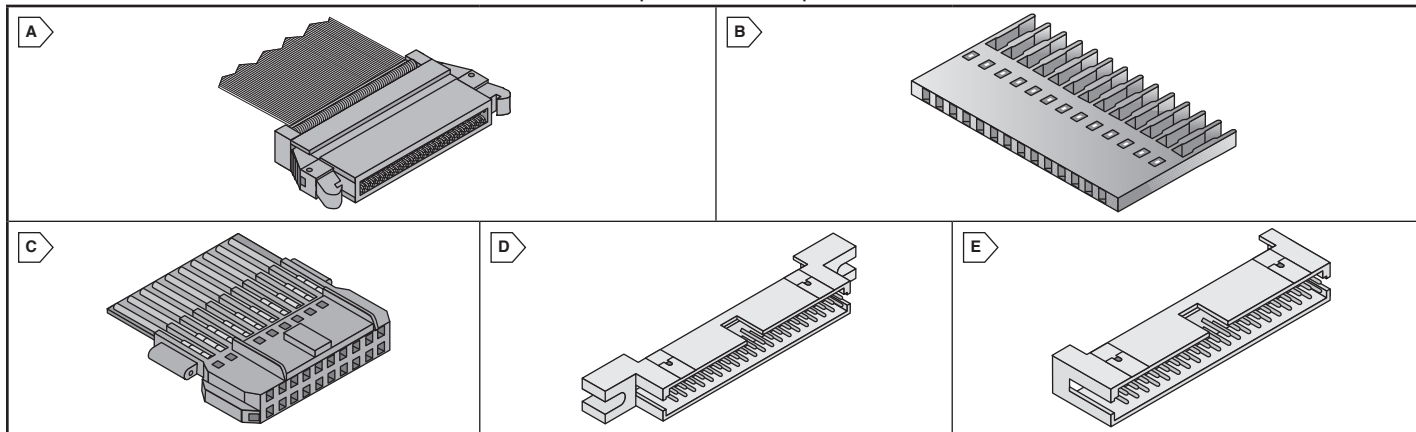


# 3M™ .050" and .100" Wiremount Connectors



RoHS Compliant This product is RoHS compliant.



## .050" PAK 50 WIREMOUNT SOCKETS

### Features:

- Stranded PVC Flat Ribbon Cable
- Latch/eject mechanism maintains a secure connection
- Color: Black
- Current rating: 0.5A
- Temperature rating: -55°C to +85°C
- Plating: 10µ" Gold
- RoHS Compliant per 3M documentation



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	10	25	50
<b>P25E Series</b> • Wire Accommodation: .025" 30AWG • Compatible w/ 3M™ 3754 Series Cable							
517-P25E-020S-EA	P25E-020S-EA	A	20	10.08	9.31	8.49	8.07
517-P25E-050S-EA	P25E-050S-EA	A	50	12.67	11.69	10.66	10.13
517-P25E-080S-EA	P25E-080S-EA	A	80	14.38	13.27	12.10	11.50
517-P25E-100S-EA	P25E-100S-EA	A	100	15.54	14.35	13.08	12.43
<b>P50E Series</b> • Wire Accommodation: .050" 28AWG • Compatible w/ 3M™ 3365 Series Cable							
517-P50E-040S-EA	P50E-040S-EA	A	40	10.88	9.32	8.81	8.29
517-P50E-080S-EA	P50E-080S-EA	A	80	15.63	14.42	13.15	12.50
517-P50E-100S-EA	P50E-100S-EA	A	100	17.54	16.19	14.77	14.03

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

### Specifications:

- Shrouded to protect against physical and chemical pin damage
  - Accepts flat cable or discrete wire
  - Insulation material: Glass filled polyester (PBT)
  - Flammability: UL94V-0
  - Color: Gray
  - Contact material: Copper alloy
  - Wire Accommodation: 26 and 28AWG 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 greater than listed, call for quote.

### With Mounting Flange

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
517-4610-6000	4610-6000	D	10	2.95	2.7	2.55	2.13
517-4610-6050	4610-6050	D	10	2.96	2.49	2.29	2.22
517-4610-6250	4610-6250	D	10	3.48	3.21	2.98	2.83
517-4610-7050	4610-7050	D	10	2.84	2.69	2.49	2.39
517-4610-6350	4610-6350	D	10	6.10	5.35	4.92	4.48
517-4614-6000	4614-6000	D	14	4.10	3.46	3.18	3.08
517-4614-6200	4614-6200	D	14	4.90	4.52	4.19	3.98
517-4614-6300	4614-6300	D	14	4.64	4.05	3.72	3.52
517-4616-6000	4616-6000	D	16	4.65	3.91	3.60	3.48
517-4620-6000	4620-6000	D	20	5.42	4.56	4.19	4.06
517-4620-6200	4620-6200	D	20	6.06	5.60	5.11	4.69
517-4620-6300	4620-6300	D	20	6.06	5.29	4.85	4.14
517-4624-6000	4624-6000	D	24	5.96	5.02	4.61	4.47
517-4626-6000	4626-6000	D	26	6.17	5.19	4.77	4.63
517-4634-6000	4634-6000	D	34	7.65	6.44	5.92	5.73
517-4640-6000	4640-6000	D	40	8.47	7.12	6.80	6.43
517-4650-6000	4650-6000	D	50	9.17	7.71	7.32	6.96

### Without Mounting Flange

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	25	50	100
517-4610-6001	4610-6001	E	10	2.95	2.60	2.35	2.13
517-4610-6051	4610-6051	E	10	2.95	2.45	2.33	2.24
517-4610-6251	4610-6251	E	10	5.30	4.60	4.22	4.01
517-4610-6351	4610-6351	E	10	3.41	3.23	3.07	2.80
517-4614-6001	4614-6001	E	14	4.10	3.46	3.18	3.08
517-4616-6001	4616-6001	E	16	4.65	3.91	3.60	3.48
517-4620-6001	4620-6001	E	20	5.42	4.56	4.19	4.06
517-4620-6201	4620-6201	E	20	6.06	5.60	5.20	4.93
517-4626-6001	4626-6001	E	26	6.16	5.18	4.90	4.80
517-4634-6001	4634-6001	E	34	7.65	6.44	5.92	5.73
517-4640-6001	4640-6001	E	40	8.47	7.12	6.80	6.43
517-4650-6001	4650-6001	E	50	9.19	7.74	7.11	6.89

### Accessories

MOUSER STOCK NO.	3M Part No.	Description	Price Each			
			1	25	50	100
517-3448-4610	3448-4610	10P strain relief	.58	.49	.45	.44
517-3448-4614	3448-4614	14P strain relief	1.52	1.28	1.18	1.14
517-3448-4616	3448-4616	16P strain relief	1.08	.91	.84	.81
517-3448-4620	3448-4620	20P strain relief	.90	.75	.69	.67
517-3448-4624	3448-4624	24P strain relief	1.48	1.25	1.15	1.11
517-3448-4626	3448-4626	26P strain relief	1.56	1.32	1.21	1.17
517-3448-4634	3448-4634	34P strain relief	.94	.79	.73	.70
517-3448-4640	3448-4640	40P strain relief	.96	.81	.74	.72
517-3448-4650	3448-4650	50P strain relief	1.49	1.37	1.26	1.17
517-3518	3518	polarization key	.15	.13	.12	.116
517-3505-16	3505-16	short latch; .726mm	.15	.13	.123	.11
517-3505-17	3505-17	long latch; .875mm	.17	.14	.13	.126

## CHG SERIES SOCKETS

### Specifications:

- Twin slot IDC provides 4 points of contact
- Temperature rating: -55°C to +105°C
- Plating: 30µ" Gold
- Insulation material: Glass Filled Polyester (PBT), gray UL94V-0
- Contact material: Copper alloy
- Exclusive L/H 4-wipe contact
- RoHS Compliant per 3M documentation



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Pos.	Current Ratings	Wire AWG	Price Each		
						1	10	25
<b>.100" Pak 100 Wiremount Sockets</b>								
517-CHG-1002-11-KCP	CHG-1002-001010-KCP	B	2	1.5A	26-28	2.63	2.45	2.28
517-CHG-1002-11-KEP	CHG-1002-001010-KEP	B	2	2A	22-24	3.27	3.01	2.75
517-CHG-1003-11-KCP	CHG-1003-001010-KCP	B	3	1.5A	26-28	2.79	2.60	2.41
517-CHG-1003-11-KEP	CHG-1003-001010-KEP	B	3	2A	22-24	2.79	2.60	2.41
517-CHG-1004-11-KCP	CHG-1004-001010-KCP	B	4	1.5A	26-28	2.93	2.73	2.53
517-CHG-1004-11-KEP	CHG-1004-001010-KEP	B	4	2A	22-24	2.93	2.73	2.53
517-CHG-1005-11-KCP	CHG-1005-001010-KCP	B	5	1.5A	26-28	6.00	5.76	5.28
517-CHG-1005-11-KEP	CHG-1005-001010-KEP	B	5	2A	22-24	6.00	5.76	5.28
<b>.100" Pak 100 Wiremount Sockets (Cont.)</b>								
517-CHG-1006-11-KEP	CHG-1006-001010-KEP	B	6	2A	22-24	3.95	3.64	3.43
517-CHG-1008-11-KCP	CHG-1008-001010-KCP	B	8	1.5A	26-28	3.92	3.62	3.30
517-CHG-1008-11-KEP	CHG-1008-001010-KEP	B	8	2A	22-24	4.06	3.75	3.42
517-CHG-1010-11-KCP	CHG-1010-001010-KCP	B	10	2A	22-24	4.30	3.98	3.63
517-CHG-1014-11-KCP	CHG-1014-001010-KCP	B	14	1.5A	26-28	3.73	3.44	3.14
<b>.100" Pak 100 Polarized Wiremount Sockets</b>								
517-CHG-2010-J11-KCP	CHG-2010-J01010-KCP	C	10	1.5A	26-28	3.76	3.47	3.29
517-2010-0101	CHG-2010-J01010-KEP	C	10	2A	22-24	4.63	4.26	4.02
517-CHG-2014-J11-KEP	CHG-2014-J01010-KEP	C	14	2A	22-24	4.56	4.21	3.84
517-CHG-2016-J11-KEP	CHG-2016-J01010-KEP	C	16	2A	22-24	4.23	3.90	3.56
517-CHG20-J01010-KCP	CHG-2020-J01010-KCP	C	20	1.5A	26-28	4.90	4.52	4.12
517-CHG20-J01010-KEP	CHG-2020-J01010-KEP	C	20	2A	22-24	4.90	4.52	4.12
517-CHG-2024-J11-KEP	CHG-2024-J01010-KEP	C	24	2A	22-24	5.88	5.42	4.95
517-CHG-2026-J01010	CHG-2026-J01010-KEP	C	26	2A	22-24	6.38	5.88	5.37
517-CHG-2030-J11-KEP	CHG-2030-J01010-KEP	C	30	2A	22-24	6.13	5.65	5.16
517-2034-J01010	CHG-2034-J01010-KEP	C	34	2A	22-24	6.94	6.40	5.84
517-CHG-2040-J11-KEP	CHG-2040-J01010-KEP	C	40	2A	22-24	7.33	6.77	6.18
517-CHG2050-J01010KEP	CHG-2050-J01010-KEP	C	50	2A	22-24	8.15	7.52	6.86

3M Rectangular Connectors