

3M™ Wiremount Sockets and Latch/Ejector Headers

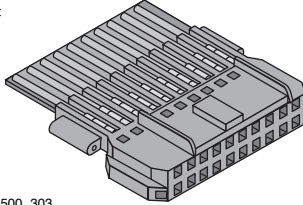


CHG SERIES .100" PAK 100 POLARIZED WIREMOUNT SOCKETS

For quantities of 200 and up, call for quote.

Specifications:

- For .100" Notched Ribbon or Discrete Wire Cable
- Military/DIN 41612 compatibility
- Two row, polarized body
- Mates to long latch/eject headers and plugs
- Twin slot IDC provides four points of contact
- Exclusive L/H 4-wipe contact
- With Centerbump
- Insulation material: Glass Filled Polyester (PBT), Gray, UL94V-0
- Contact material: Copper alloy
- Current rating: "KEP" 22-24 AWG: 2 A
"KCP" 26-28 AWG: 1.5 A
- Temperature rating: -55°C to +105°C
- Plating: 30 μ" Gold
- Series CHG



Mates with Header Series: 2300, 929, 3000, 2500, 303
Plug Series: 4600

RoHS compliant per 3M documentation



MOUSER STOCK NO.	3M Part No.	No. of Contacts	Wire AWG	Price Each			
				1	25	50	100
517-CHG-2010-J11-KCP	CHG-2010-J01010-KCP	10	26-28	3.33	3.04	2.88	2.72
517-2010-0101	CHG-2010-J01010-KEP	10	22-24	3.33	3.04	2.88	2.72
517-CHG-2014-J11-KCP	CHG-2014-J01010-KCP	14	26-28	4.66	4.26	4.03	3.81
517-CHG-2014-J11-KEP	CHG-2014-J01010-KEP	14	22-24	4.66	4.26	4.03	3.81
517-CHG-2016-J11-KCP	CHG-2016-J01010-KCP	16	26-28	4.33	3.95	3.74	3.54
517-CHG-2016-J11-KEP	CHG-2016-J01010-KEP	16	22-24	4.33	3.95	3.74	3.54
517-CHG20-J01010-KCP	CHG-2020-J01010-KCP	20	26-28	4.99	4.56	4.32	4.08
517-CHG20-J01010-KEP	CHG-2020-J01010-KEP	20	22-24	4.99	4.56	4.32	4.08
517-CHG-2024-J11-KCP	CHG-2024-J01010-KCP	24	26-28	6.18	5.64	5.34	5.05
517-CHG-2024-J11-KEP	CHG-2024-J01010-KEP	24	22-24	6.18	5.64	5.34	5.05
517-CHG-2026-J11-KCP	CHG-2026-J01010-KCP	26	26-28	6.49	5.93	5.62	5.30
517-CHG-2026-J01010	CHG-2026-J01010-KEP	26	22-24	6.49	5.93	5.62	5.30
517-CHG-2030-J11-KCP	CHG-2030-J01010-KCP	30	26-28	6.24	5.70	5.40	5.10
517-CHG-2030-J11-KEP	CHG-2030-J01010-KEP	30	22-24	6.24	5.70	5.40	5.10
517-2034-J01010	CHG-2034-J01010-KEP	34	22-24	7.07	6.46	6.12	5.78
517-CHG-2040-J11-KCP	CHG-2040-J01010-KCP	40	26-28	7.49	6.84	6.37	5.76
517-CHG-2040-J11-KEP	CHG-2040-J01010-KEP	40	22-24	7.49	6.84	6.37	5.76
517-CHG-2050	CHG-2050-J01010-KCP	50	26-28	8.32	7.60	7.20	6.80
517-CHG2050J01010KEP	CHG-2050-J01010-KEP	50	22-24	8.32	7.60	7.20	6.80
517-CHG-2060-J11-KCP	CHG-2060-J01010-KCP	60	26-28	9.98	9.12	8.50	7.68
517-CHG-2060-J11-KEP	CHG-2060-J01010-KEP	60	22-24	9.98	9.12	8.50	7.68

3000 SERIES .100" X .100" LATCH/EJECTOR HEADERS



Straight RoHS compliant per 3M documentation RoHS Compliant For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Contacts	Body Width (In.)	Price Each			
					1	25	50	100
With Short Roll Pin Latch/Ejectors								
517-N3793-6202RB	N3793-6202RB	A	10	1.26	1.39	1.27	1.21	1.14
517-N3314-6202RB	N3314-6202RB	A	14	1.46	1.85	1.69	1.60	1.51
517-N3408-6202RB	N3408-6202RB	A	16	1.56	2.08	1.90	1.80	1.70
517-N3428-6202RB	N3428-6202RB	A	20	1.76	2.54	2.32	2.20	2.07
517-N3627-6202RB	N3627-6202RB	A	24	1.96	2.97	2.72	2.57	2.43
517-N3429-6202RB	N3429-6202RB	A	26	2.06	3.22	2.95	2.79	2.64
517-N3440-6202RB	N3440-6202RB	A	30	2.26	2.97	2.72	2.57	2.43
517-N3431-6202RB	N3431-6202RB	A	34	2.46	3.33	3.04	2.88	2.72
517-N3432-6202RB	N3432-6202RB	A	40	2.76	3.89	3.55	3.37	3.18
517-N3433-6202RB	N3433-6202RB	A	50	3.26	4.78	4.37	4.14	3.91
517-N3372-6202RB	N3372-6202RB	A	60	3.76	5.68	5.19	4.91	4.64
517-N3764-6202RB	N3764-6202RB	A	64	3.96	6.03	5.51	5.22	4.93
With Long Roll Pin Latch/Ejectors								
517-N3793-6302RB	N3793-6302RB	A	10	1.26	1.39	1.27	1.21	1.14
517-N3314-6302RB	N3314-6302RB	A	14	1.46	1.85	1.69	1.60	1.51
517-N3408-6302RB	N3408-6302RB	A	16	1.56	2.08	1.90	1.80	1.70
517-N3428-6302RB	N3428-6302RB	A	20	1.76	2.54	2.32	2.20	2.07
517-N3627-6302RB	N3627-6302RB	A	24	1.96	2.97	2.72	2.57	2.43
517-N3429-6302RB	N3429-6302RB	A	26	2.06	3.22	2.95	2.79	2.64
517-N3440-6302RB	N3440-6302RB	A	30	2.26	2.97	2.72	2.57	2.43
517-N3431-6302RB	N3431-6302RB	A	34	2.46	3.33	3.04	2.88	2.72
517-N3432-6302RB	N3432-6302RB	A	40	2.76	3.89	3.55	3.37	3.18
517-N3433-6302RB	N3433-6302RB	A	50	3.26	4.78	4.37	4.14	3.91
517-N3372-6302RB	N3372-6302RB	A	60	3.76	5.68	5.19	4.91	4.64
517-N3764-6302RB	N3764-6302RB	A	64	3.96	6.03	5.51	5.22	4.93

Rectangular Connectors 3M

Right Angle RoHS compliant per 3M documentation RoHS Compliant For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Contacts	Body Width (In.)	Price Each			
					1	25	50	100
With Short Roll Pin Latch/Ejectors								
517-N3793-5202RB	N3793-5202RB	B	10	1.26	1.39	1.27	1.21	1.14
517-N3314-5202RB	N3314-5202RB	B	14	1.46	1.85	1.69	1.60	1.51
517-N3408-5202RB	N3408-5202RB	B	16	1.56	2.08	1.90	1.80	1.70
517-N3428-5202RB	N3428-5202RB	B	20	1.76	2.54	2.32	2.20	2.07
517-N3627-5202RB	N3627-5202RB	B	24	1.96	2.97	2.72	2.57	2.43
517-N3429-5202RB	N3429-5202RB	B	26	2.06	3.22	2.95	2.79	2.64
517-N3440-5202RB	N3440-5202RB	B	30	2.26	2.97	2.72	2.57	2.43
517-N3431-5202RB	N3431-5202RB	B	34	2.46	3.33	3.04	2.88	2.72
517-N3432-5202RB	N3432-5202RB	B	40	2.76	3.89	3.55	3.37	3.18
517-N3433-5202RB	N3433-5202RB	B	50	3.26	4.78	4.37	4.14	3.91
517-N3372-5202RB	N3372-5202RB	B	60	3.76	5.68	5.19	4.91	4.64
517-N3764-5202RB	N3764-5202RB	B	64	3.96	6.03	5.51	5.22	4.93
With Long Roll Pin Latch/Ejectors								
517-N3793-5302RB	N3793-5302RB	B	10	1.26	1.39	1.27	1.21	1.14
517-N3314-5302RB	N3314-5302RB	B	14	1.46	1.85	1.69	1.60	1.51
517-N3408-5302RB	N3408-5302RB	B	16	1.56	2.08	1.90	1.80	1.70
517-N3428-5302RB	N3428-5302RB	B	20	1.76	2.54	2.32	2.20	2.07
517-N3627-5302RB	N3627-5302RB	B	24	1.96	2.97	2.72	2.57	2.43
517-N3429-5302RB	N3429-5302RB	B	26	2.06	3.22	2.95	2.79	2.64
517-N3440-5302RB	N3440-5302RB	B	30	2.26	2.97	2.72	2.57	2.43
517-N3431-5302RB	N3431-5302RB	B	34	2.46	3.33	3.04	2.88	2.72
517-N3432-5302RB	N3432-5302RB	B	40	2.76	3.89	3.55	3.37	3.18
517-N3433-5302RB	N3433-5302RB	B	50	3.26	4.78	4.37	4.14	3.91
517-N3372-5302RB	N3372-5302RB	B	60	3.76	5.68	5.19	4.91	4.64
517-N3764-5302RB	N3764-5302RB	B	64	3.96	6.03	5.51	5.22	4.93

Optional Ejector Latches for Headers

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	For Use with Socket Connector	Price Each	
				1	100
517-3505-2	3505-2	C	Short latch without retainer clip	.15	.14
** 517-3505-3	3505-3	D	Large latch with retainer clip	.15	.14

** 2 latches required to make a set.

- Solder Tail Type
- Military (with 3M's 3518 polarizing key) and centerbump polarization
- Standard ejector latches
- Mounting holes for securing header to board
- Optional polarizing posts
- 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: 30" Gold
- Terminal Finish Indicator: e3 (per JESD97)
- Marking: 3M Logo, Part Identification Number and Orientation Triangle
- Current Rating: 1A
- Insulation Resistance >1 x 10⁹ at 500Vdc
- Withstanding Voltage: 1000Vrms at Sea Level
- Temperature Rating: -55°C - +105°C
- Process Rating: Maximum 260°C, single pass, (profile per J-STD-020C)
- Moisture Sensitivity Level: 1 (per J-STD-020C)
- Series 3000

Mates with Socket Series' CHG, 8500, 3000, and 891



Catalog #626, May 2006 - July 2006
© Copyright 2006 Mouser Electronics

www.mouser.com/3mesd



a tti company

Mouser Catalog Download

(800) 346-6873

Catalog #626, May 2006 - July 2006
© Copyright 2006 Mouser Electronics

1023