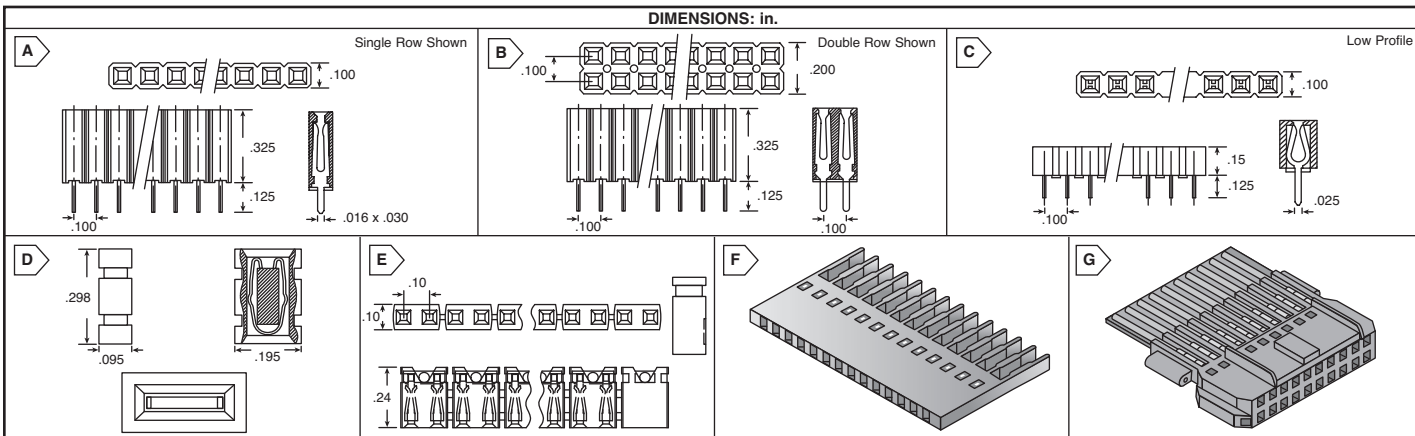


3M™ .100" x.100" Pin Strip Sockets and Shunts



929 SERIES SOCKETS AND SHUNTS

.100" PC Board Mount Sockets Sockets mate with .100 pin header for board stacking applications.

- Tuning fork contact design
- Solder standoffs facilitate production wave soldering
- Insulation material: glass-filled polyester (PBT) black UL94V-0
- Contact plating: 10µ" gold or 100µ" tin
- Contact material: Copper alloy
- Current rating: 1A
- Tail length: .125"
- Withstanding voltage: 1500Vrms
- Temperature rating: -40°C to +105°C
- Mates with Header Series 2300 and 929



For quantities of 150 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Positions	Price Each			
				1	10	25	50
Single Row, Gold Plated							
517-850-01-07	929850-01-07-30	A	7	1.48	1.36	1.28	1.21
517-850-01-08	929850-01-08-30	A	8	1.59	1.46	1.38	1.30
517-850-01-10	929850-01-10-10	A	10	1.70	1.56	1.47	1.39
517-850-01-12	929850-01-12-10	A	12	1.80	1.66	1.57	1.48
517-850-01-14	929850-01-14-10	A	14	2.04	1.88	1.77	1.68
517-850-01-19	929850-01-19-30	A	19	2.80	2.58	2.43	2.30
517-850-01-31	929850-01-31-10	A	31	3.24	2.98	2.81	2.66
517-850-01-36	929850-01-36-10	A	36	2.78	2.56	2.42	2.29
Single Row, Tin Plated							
517-974-01-02	929974-01-02	A	2	1.04	.96	.91	.86
517-974-01-03	929974-01-03	A	3	1.11	1.02	.96	.91
517-974-01-04	929974-01-04	A	4	1.22	1.12	1.06	1.00
517-974-01-10	929974-01-10	A	10	1.48	1.36	1.28	1.21
517-974-01-12	929974-01-12	A	12	1.52	1.40	1.32	1.25
517-974-01-14	929974-01-14	A	14	1.80	1.66	1.57	1.48
517-974-01-16	929974-01-16	A	16	1.76	1.62	1.53	1.45
517-974-01-17	929974-01-17	A	17	1.80	1.66	1.57	1.48
517-974-01-21	929974-01-21	A	21	2.33	2.14	2.02	1.91
517-974-01-36	929974-01-36	A	36	2.15	1.98	1.87	1.77
Double Row, Gold Plated							
517-852-01-06	929852-01-06-10	B	12	1.67	1.54	1.45	1.38
517-852-01-07	929852-01-07-10	B	14	1.76	1.62	1.53	1.45
517-852-01-09	929852-01-09-10	B	18	2.04	1.88	1.77	1.68
517-852-01-10	929852-01-10-10	B	20	2.13	1.96	1.85	1.75
517-852-01-12	929852-01-12-10	B	24	2.39	2.20	2.08	1.96
517-852-01-13	929852-01-13-30	B	26	2.65	2.44	2.30	2.18
517-852-01-14	929852-01-14-10	B	28	2.59	2.38	2.25	2.13
517-852-01-20	929852-01-20-30	B	40	3.54	3.26	3.08	2.91
517-852-01-25	929852-01-25-10	B	50	4.30	3.96	3.74	3.54
517-852-01-36	929852-01-36-10	B	72	5.30	4.88	4.60	4.36
Double Row, Tin Plated							
517-975-01-10	929975-01-10	B	20	1.70	1.56	1.47	1.39
517-975-01-17	929975-01-17	B	34	2.30	2.12	2.00	1.89
517-975-01-18	929975-01-18	B	36	2.35	2.16	2.04	1.93
517-975-01-36	929975-01-36	B	72	3.74	3.44	3.25	3.07
Single Row, Low Profile, Gold Plated							
517-870-01-03	929870-01-03-10	C	3	1.20	1.10	1.04	.98
517-870-01-04	929870-01-04-10	C	4	1.26	1.16	1.09	1.04
517-870-01-08	929870-01-08-10	C	8	1.61	1.48	1.40	1.32
517-870-01-16	929870-01-16-10	C	16	1.99	1.81	1.62	1.41
517-870-01-19	929870-01-19-10	C	19	2.97	2.55	2.41	2.29
Single Row, Low Profile, Tin Plated							
517-984-01-05	929984-01-05	C	5	1.26	1.16	1.09	1.04
517-984-01-10	929984-01-10	C	10	1.63	1.50	1.42	1.34

.100" Midgie Shunts

- Unique C-Spring contact insures balanced forces
- Insulation material: glass-filled polyester (PBT) black UL94V-0
- Contact plating: Black: Unplated
Blue: 10µ" Gold in wipe area
Gray: 30µ" Gold in wipe area



For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Color	Plating Options	Price Each			
					1	100	500	1000
517-950-00	929950-00	D	Black	Unplated	.21	.17	.16	.15
517-955-06	929955-06	D	Blue	10µ" Gold	.27	.21	.19	.17
517-957-08	929957-08	D	Gray	30µ" Gold	.28	.25	.21	.20

.100" Shunts

- Double wipe contact is reliable and failure free
- Insulation material: glass-filled polyester (PBT), UL94V-0
- Current rating: 2A
- Contact plating: Red: 75µ" Tin
Blue: 10µ" Gold in wipe area
Gray: 30µ" Gold in wipe area
- Open top contact allows easy probing and testing



MOUSER STOCK NO.	3M Part No.	Fig.	Color	Plating Options	Price Each			
					1	10	100	1000
517-951-00	929951-00	E	Red	75µ" Tin	.14	.13	.12	.11
517-952-10	929952-10	E	Blue	10µ" Gold	.13	.10	.09	.08
517-953-30	929953-30	E	Gray	30µ" Gold	.16	.15	.13	.11

CHG SERIES SOCKETS

.100" Pak 100 Wiremount Sockets

Specifications :

- For .100" Pitch Notched or Discrete Wire Cable
- One row, side-to-side stackable
- Mates to 3M one row pin strip headers
- Twin slot IDC provides four points of contact
- Temperature rating: -55°C to +105°C
- Plating: 30µ" Gold
- Insulation material: Glass Filled Polyester (PBT), UL 94V-0
- Color: Gray
- Contact material: Copper alloy
- Current rating: "KEP" 22-24 AWG: 2A
"KCP" 26-28 AWG: 1.5A
- Exclusive L/H 4-wire contact
- Mates with Header Series 2300 and 929
- RoHS Compliant per 3M documentation



RoHS Compliant



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Pos.	Current Ratings	Wire AWG	Price Each		
						1	10	25
517-CHG-1002-11-KCP	CHG-1002-001010-KCP	F	2	1.5A	26-28	1.02	.94	.89
517-CHG-1002-11-KEP	CHG-1002-001010-KEP	F	2	2A	22-24	.89	.82	.77
517-CHG-1003-11-KCP	CHG-1003-001010-KCP	F	3	1.5A	26-28	1.89	1.74	1.64
517-CHG-1003-11-KEP	CHG-1003-001010-KEP	F	3	2A	22-24	2.07	1.90	1.79
517-CHG-1004-11-KCP	CHG-1004-001010-KCP	F	4	1.5A	26-28	2.04	1.88	1.77
517-CHG-1004-11-KEP	CHG-1004-001010-KEP	F	4	2A	22-24	1.85	1.70	1.60
517-CHG-1005-11-KCP	CHG-1005-001010-KCP	F	5	1.5A	26-28	2.57	2.36	2.23
517-CHG-1005-11-KEP	CHG-1005-001010-KEP	F	5	2A	22-24	2.96	2.72	2.57
517-CHG-1006-11-KCP	CHG-1006-001010-KCP	F	6	1.5A	26-28	3.07	2.82	2.66
517-CHG-1006-11-KEP	CHG-1006-001010-KEP	F	6	2A	22-24	2.87	2.64	2.49
517-CHG-1007-11-KCP	CHG-1007-001010-KCP	F	7	2A	22-24	3.57	3.28	3.09
517-CHG-1008-11-KCP	CHG-1008-001010-KCP	F	8	1.5A	26-28	4.09	3.76	3.55
517-CHG-1008-11-KEP	CHG-1008-001010-KEP	F	8	2A	22-24	4.09	3.76	3.55
517-CHG-1009-11-KCP	CHG-1009-001010-KCP	F	9	2A	22-24	4.02	3.70	3.49
517-CHG-1010-11-KCP	CHG-1010-001010-KCP	F	10	2A	22-24	3.76	3.46	3.26
517-CHG-1014-11-KCP	CHG-1014-001010-KCP	F	14	1.5A	26-28	3.89	3.58	3.38

.100" Pak 100 Polarized Wiremount Sockets

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
- Insulation material: Glass Filled Polyester (PBT), Gray, UL94V-0
- Contact material: Copper alloy
- Temperature rating: -55°C to +105°C
- Plating: 30µ" Gold
- RoHS compliant per 3M documentation
- With Centerbump
- Exclusive L/H 4-wire contact
- Mates with Header Series: 2300, 929, 3000, 2500, 303 Plug Series: 4600



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Pos.	Current Ratings	Wire AWG	Price Each		
						1	10	25
517-CHG-2010-J11-KCP	CHG-2010-J01010-KCP	G	10	1.5A	26-28	3.41	2.96	2.80
517-2010-0101	CHG-2010-J01010-KEP	G	10	2A	22-24	3.41	2.96	2.80
517-CHG-2014-J11-KCP	CHG-2014-J01010-KCP	G	14	1.5A	26-28	4.76	4.13	3.91
517-CHG-2014-J11-KEP	CHG-2014-J01010-KEP	G	14	2A	22-24	4.76	4.13	3.91
517-CHG-2016-J11-KCP	CHG-2016-J01010-KCP	G	16	2A	22-24	4.41	3.83	3.63
517-CHG20-J01010-KCP	CHG-2020-J01010-KCP	G	20	1.5A	26-28	5.11	4.43	4.20
517-CHG-2020-J01010-KEP	CHG-2020-J01010-KEP	G	20	2A	22-24	5.11	4.43	4.20
517-CHG-2024-J11-KCP	CHG-2024-J01010-KCP	G	24	1.5A	26-28	6.26	5.43	5.14
517-CHG-2024-J11-KEP	CHG-2024-J01010-KEP	G	24	2A	22-24	6.13	5.32	5.04
517-CHG-2026-J11-KCP	CHG-2026-J01010-KCP	G	26	1.5A	26-28	6.65	5.77	5.46
517-CHG-2026-J01010	CHG-2026-J01010-KEP	G	26	2A	22-24	6.65	5.77	5.46
517-CHG-2030-J11-KCP	CHG-2030-J01010-KEP	G	30	2A	22-24	6.39	5.55	5.25
517-2034-J01010	CHG-2034-J01010-KEP	G	34	2A	22-24	7.24	6.28	5.95
517-CHG-2040-J11-KCP	CHG-2040-J01010-KCP	G	40	1.5A	26-28	7.65	6.64	6.29
517-CHG-2040-J11-KEP	CHG-2040-J01010-KEP	G	40	2A	22-24	7.65	6.64	6.29
517-CHG-2050-J01010-KEP	CHG-2050-J01010-KEP	G	50	2A	22-24	8.50	7.38	6.98
517-CHG-2060-J11-KEP	CHG-2060-J01010-KEP	G	60	2A	22-24	10.22	8.87	8.39