

MTA .156" (3.96mm) Receptacles and Post Headers (Cont.)

Fig.	Description	Circuits	Dim. "A" Inch (mm)	Digi-Key Part No.	Price Each 25	AMP Part No.		
<i>Straight Post Headers, .156" (3.96mm) Centers, Friction Lock Header</i>								
A 20	Round Post .045" (1.14mm) Square, Standard UL94V-0, Tin Plated, .125" (3.18mm) Solder-tail, White	2	.312 (7.92)	A19900-ND	.10 .05	640388-2		
		3	.468 (11.89)	A19901-ND	.10 .06	640388-3		
		4	.624 (15.85)	A19902-ND	.14 .08	640388-4		
		5	.780 (19.81)	A19903-ND	.18 .11	640388-5		
		6	.936 (23.77)	A19904-ND	.21 .12	640388-6		
		7	1.092 (27.74)	A19905-ND	.23 .13	640388-7		
		8	1.248 (31.70)	A19906-ND	.29 .17	640388-8		
		9	1.404 (35.66)	A19907-ND	.86 .78	640388-9		
		10	1.560 (39.62)	A19908-ND	.33 .19	1-640388-0		
		11	1.716 (43.59)	A19909-ND	2.01 1.82	1-640388-1		
		12	1.872 (47.55)	A19910-ND	.40 .22	1-640388-2		
		20	Round Post .045" (1.14mm) Square, Standard UL94V-0, Tin Plated, .175" (4.45mm) Solder-tail, White	2	.312 (7.92)	A24176-ND	.09 .08	644753-2
3	.468 (11.89)			A24177-ND	.10 .09	644753-3		
4	.624 (15.85)			A24178-ND	.14 .13	644753-4		
5	.780 (19.81)			A24179-ND	.18 .17	644753-5		
6	.936 (23.77)			A24180-ND	.21 .20	644753-6		
7	1.092 (27.74)			A24181-ND	.23 .21	644753-7		
8	1.248 (31.70)			A24182-ND	.29 .27	644753-8		
9	1.404 (35.66)			A24183-ND	.33 .31	1-644753-0		
10	1.560 (39.62)			A24184-ND	.40 .36	1-644753-2		
<i>Right Angle Post Headers, .156" (3.96mm) Centers, Friction Lock Header</i>								
21	Right Angle Post .045" (1.14mm) Square, Front Bend, Standard UL94V-0, Tin-Plated, .125" (3.18mm) Solder-tail, White			2	.312 (7.92)	A1976-ND	.31 .29	640389-2
				3	.468 (11.89)	A19920-ND	.47 .43	640389-3
		4	.624 (15.85)	A1977-ND	.63 .57	640389-4		
		5	.780 (19.81)	A19921-ND	.79 .71	640389-5		
		6	.936 (23.77)	A1978-ND	.86 .78	640389-6		
		7	1.092 (27.74)	A19922-ND	1.00 .90	640389-7		
		8	1.248 (31.70)	A1979-ND	1.14 1.03	640389-8		
		9	1.404 (35.66)	A19923-ND	1.29 1.16	640389-9		
		10	1.560 (39.62)	A1980-ND	1.43 1.29	1-640389-0		
		11	1.716 (43.59)	A19924-ND	1.57 1.42	1-640389-1		
		12	1.872 (47.55)	A19925-ND	1.71 1.55	1-640389-2		
		21	Right Angle Post .045" (1.14mm) Square, Front Bend, Standard UL94V-0, 30µ Gold Plated, .125" (3.18mm) Solder-tail, White	2	.312 (7.92)	A24174-ND	1.05 .95	641210-2
3	.468 (11.89)			A24175-ND	1.22 1.10	641210-3		
4	.624 (15.85)			A26187-ND	1.57 1.42	641210-4		
5	.780 (19.81)			A26188-ND	1.90 1.71	641210-5		
6	.936 (23.77)			A26189-ND	2.31 2.09	641210-6		
8	1.248 (31.70)			A26190-ND	2.96 2.67	641210-8		
9	1.404 (35.66)			A26191-ND	3.28 2.95	641210-9		
10	1.560 (39.62)			A24186-ND	3.48 3.14	1-641210-0		
11	1.716 (43.59)			A26192-ND	4.40 3.97	1-641210-2		
22	Right Angle Post .045" (1.14mm) Square, Rear Bend, Standard UL94V-0, Tin-Plated, .125" (3.18mm) Solder-tail, White			2	.312 (7.92)	A19930-ND	.60 .55	640387-2
				3	.468 (11.89)	A19931-ND	.47 .43	640387-3
				4	.624 (15.85)	A19932-ND	.63 .57	640387-4
		5	.780 (19.81)	A19933-ND	.79 .71	640387-5		
		6	.936 (23.77)	A19934-ND	.86 .78	640387-6		
		7	1.092 (27.74)	A19935-ND	1.00 .90	640387-7		
		8	1.248 (31.70)	A19936-ND	1.14 1.03	640387-8		
		9	1.404 (35.66)	A19937-ND	1.29 1.16	640387-9		
		10	1.560 (39.62)	A19938-ND	1.43 1.29	1-640387-0		
		11	1.716 (43.59)	A19939-ND	1.57 1.42	1-640387-1		
		12	1.872 (47.55)	A19940-ND	1.71 1.55	1-640387-2		

2-Position, Low Profile Post Shunts

Material: Housing: Glass-filled thermoplastic, 94V-0 rated Contact: Beryllium copper or phosphor bronze Finish: (50µ) nickel with gold plate in contact area or tin plate overall

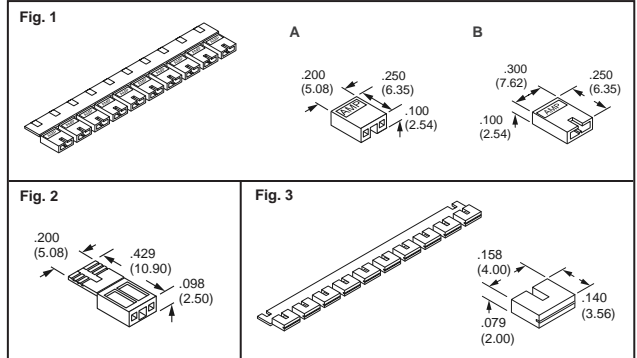


Fig.	Description	Housing Color	Digi-Key Part No.	Price Each 10 50	AMP Part No.
<i>Economy, .100 (2.54) Centerline</i>					
1A	Strip of 10, Gold Flash, (5µ) over Nickel	Black	A26228-ND	.09 .08	382811-8
	Strip of 10, Gold Plate, (15µ) over Nickel	Blue	A26226-ND	.33 .26	382811-2
	Strip of 10, Gold Plate, (15µ) over Nickel	Black	A26227-ND	.09 .07	382811-6
	Strip of 10, Gold Plate, (15µ) over Nickel	Red	A26230-ND	.12 .09	382811-9
	Loose Piece, Gold Plate, (15µ) over Nickel	Black	A26231-ND	.34 .27	1-382811-6
	Strip of 10, Tin Plate, (100µ) over Nickel	Black	A26229-ND	.10 .08	382811-5
<i>Standard Housing, .200 (5.08) Centerline</i>					
1B	Strip of 10, Gold Plate, (15µ) over Nickel	Black	A26232-ND	.49 .40	531230-2
	Strip of 10, Gold Plate, (30µ) over Nickel	Black	A26233-ND	.57 .45	531230-3
	Strip of 10, Tin Plate, (100µ) over Nickel	Black	A26234-ND	.42 .33	531230-1
<i>Handle, .100 (2.54) Centerline</i>					
2	Open Top & Gold Plate, (30µ) over Nickel	Black	A26242-ND	.12 .10	881545-2
	Open Top & Tin Plate, (100µ) over Nickel	Black	A26243-ND	.13 .11	881545-4
<i>2mm Mini-Shunt, .079 (2.00) Centerline</i>					
3	Strip of 10, Gold Plate, (15µ) over Nickel	Black	A26244-ND	.26 .21	382575-2

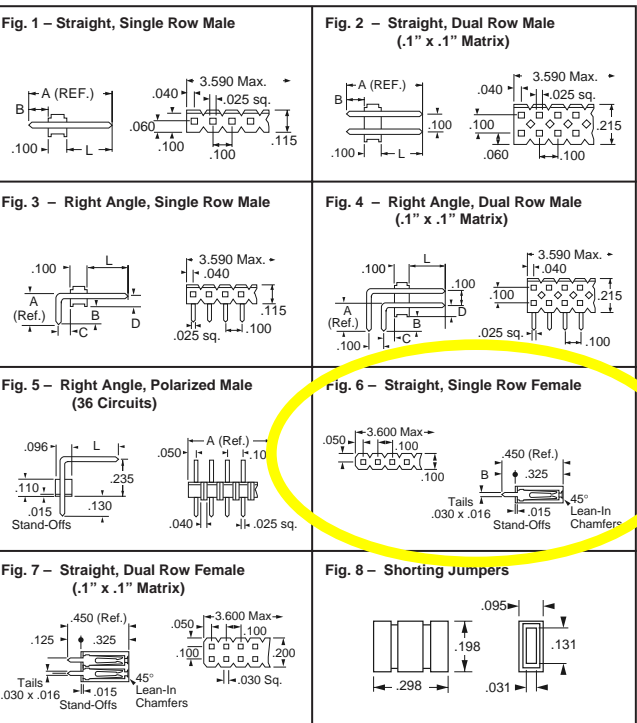
3M Board Mount Interconnect Products

Finish Options: • 10µ selective gold over 50µ nickel on contact post; 100µ 90/10 solder plate on tail portion • 100µ 90/0 solder plate on posts and tails

2400 Series:

Material: Glass filled polyester • Flammability: UL94V-0 • Color: Gray • Phosphor bronze plating • 100µ nickel underplating • Gold wiping area • 200µ 60/40 tin on solder tails • Current Rating: 3 Amps • With-standing Voltage: 100 VAC • Temperature Rating: -55°C to +105°C • UL File No. E88080, CSA File No. LR 40971

Fig.	No. of Posts	Dimensions (Inch)					Solder Plated		Gold Plated	
		L	A(ref)	B	C	D	Digi-Key Part No.	Price Each	Digi-Key Part No.	Price Each
1	36	.480	.145	—	—	—	N/A	—	929647-09-36-ND	2.23
		.545	.210	—	—	—	929834-02-36-ND	1.31	929647-02-36-ND	2.41
		.745	.410	—	—	—	929834-03-36-ND	1.58	929647-03-36-ND	3.00
		.845	.510	—	—	—	929834-04-36-ND	1.75	929647-04-36-ND	3.85
		.945	.610	—	—	—	929834-05-36-ND	1.77	929647-05-36-ND	3.56
		12.45	.910	—	—	—	929834-07-36-ND	2.02	929647-07-36-ND	4.14
2	72	.295	.535	.130	—	—	929400-01-36-ND	1.31	929450-01-36-ND	2.33
		.480	.145	—	—	—	929836-09-36-ND	2.48	929665-09-36-ND	3.60
		.545	.210	—	—	—	929836-02-36-ND	2.14	929665-02-36-ND	3.91
		.645	.310	—	—	—	929836-08-36-ND	2.77	929665-08-36-ND	4.22
		.745	.410	—	—	—	N/A	—	929665-03-36-ND	4.83
		.845	.510	—	—	—	929836-04-36-ND	2.83	929665-04-36-ND	6.20
3	36	.235	.180	.105	.070	.075	929835-01-36-ND	1.33	N/A	—
		.215	.140	.070	.075	.075	929838-04-36-ND	2.75	929667-04-36-ND	5.16
4	72	.235	.180	.105	.070	.075	929838-02-36-ND	2.77	929667-02-36-ND	6.20
		.295	3.600	—	—	—	929500-01-36-ND	1.46	929550-01-36-ND	2.89
6	36	N/A	—	.125	—	—	929974-01-36-ND	1.87	929850-01-36-ND	2.41
7	72	N/A	—	—	—	—	929975-01-36-ND	3.24	929852-01-36-ND	4.62
8	2	N/A	SHUNTS!!	—	—	—	929950-00-ND	2.29	929955-06-ND	2.70
								per 10	(10µ in. gold)	per 10
									929957-08-ND	3.12
									(30µ in. gold)	per 10



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