

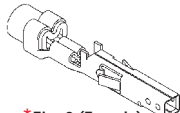


.165" (4.2mm) Mini-Fit Jr. Contacts

- Voltage: 600V
 - Current: 9A (112A current rating)
 - Contact resistance: 10mΩ max.
 - Dielectric withstanding voltage: 1500V
 - Insulation resistance: 1000MΩ min.
 - Material:
 - *A: Brass (pre-plated tin over copper)
 - *B: Brass or copper (post-plated tin over nickel)
 - *C: Brass (post-plated tin over nickel)
 - *D: Phosphor bronze (pre-plated gold over nickel)
- *Prepackaged: order in increments of 10, 100 or 1000



* Fig. 1 (Male)



* Fig. 2 (Female)

Male Contacts

Part No.	Product No.	Desc.*	AWG	1	10	100
304661CJ	44478-3112†	1B	16	..... \$ .20	\$.171	\$.152
304688CJ	39-00-0224	1D	16	..... .85	.704	.508
304709CJ	39-00-0096	1C	16	..... .62	.517	.376
304725CJ	39-00-0041	1A	18-24	..... *	.056	.047
304741CJ	39-00-0220	1D	18-24	.... .76	.704	.389
304792CJ	30490-2012	1D	18-24	... .25	.244	.209
304805CJ	39-00-0054	1C	18-24	.... .43	.404	.306
304821CJ	30490-1012	1D	18-24	... .83	.686	.494
304768CJ	44478-1112†	1B	22-28	.... .28	.261	.171
304864CJ	39-00-0049	1A	22-28	.... .20	.071	.07
304881CJ	39-00-0222	1D	22-28	.... .76	.649	.466
304901CJ	39-00-0088	1C	22-28	.... .43	.40	.361

• Sold in 4000 piece reel

Part No.	Product No.	Desc.*	AWG	Price
307985CJ	39-00-0040	1A	18-24	..... \$108.00

Female Contacts

Part No.	Product No.	Desc.*	AWG	1	10	100
304670CJ	44476-3112†	2C	16	..... \$ .32	\$.261	\$.155
304696CJ	39-00-0186	2D	16	..... .85	.70	.51
304717CJ	39-00-0168	2C	16	..... .58	.479	.346
304733CJ	39-00-0039	2A	18-24	..... *	.064	.059
304750CJ	39-00-0182	2D	18-24	.... .46	.44	.389
304776CJ	44476-1112†	2B	18-24	.... .32	.261	.188
304784CJ	44485-1212†	2D	18-24	.... .88	.733	.523
304813CJ	39-00-0164	2C	18-24	.... .43	.39	.345
304872CJ	39-00-0047	2A	22-28	.... .20	.14	.096
304899CJ	39-00-0184	2D	22-28	.... .45	.435	.428
304910CJ	39-00-0166	2C	22-28	.... .58	.478	.323

• Sold in 4000 piece reel

Part No.	Product No.	Desc.*	AWG	Price
307993CJ	39-00-0038	2A	18-24	..... \$140.00



Hand Tools for Mini-Fit Jr.



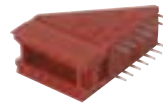
- 304928CJ: Crimp tool
- Accepts wire range from 14-24 AWG
- 304936CJ: Extraction tool

Part No.	Product No.	1	5
304928CJ	63811-1000	..... \$42.99	\$39.99
304936CJ	11-03-0044	..... 19.99	18.99

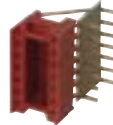
ARIES Series 800 Vertisockets

With Bifurcated Contacts

- Body material: UL 94-HB glass filled nylon
- Phosphor bronze spring tempered bifurcated contacts
- Contact plating: 100µ" (2.54µm) tin or 10µ" (.254µm) gold
- Contact current: 1.5A
- Operating temperature: 221°F (105°C) for tin; 257°F (125°C) for gold
- Suggested PCB hole size: .044" (1.12mm) dia.
- Gold plated (except 296770CJ – tin plated)
- Center pins: .300" (except 291231CJ – .200")



291477CJ



291485CJ

Vertical Mount

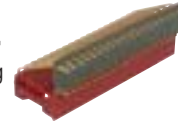
Part No.	Product No.	Pins L" x W"	1	10	100
291231CJ	10-2810-90	10 1.0 x .29 ..	\$4.99	\$4.19	\$3.39
291477CJ	14-810-90R	14 1.4 x .39	2.69	2.39	1.85
296770CJ	14-810-90T	14 1.4 x .39	3.65	3.25	2.49

Horizontal Mount

Part No.	Product No.	Pins L" x W"	1	10	100
291485CJ	14-823-90	14 1.4 x .39 ..	\$4.15	\$3.69	\$2.85

Horizontal Mounting w/ Collet Contacts

- Body material: UL 94-HB glass filled nylon
- Brass alloy pin body w/ 200µ" (5.07µm) 93/7 tin/lead plating
- Beryllium copper alloy 4-fingered collet contacts
- Operating temperature: 221°F (105°C)
- Contact current: 3A • Center pins: .300" (7.62mm)
- Suggested PCB hole size: .035" (.89mm) dia.



Part No.	Product No.	Pins L" x W"	1	10	100
295241CJ	40-6823-10	40 2.0 x .70	\$12.69	\$11.19	\$8.79

Cinch Jones Plugs and Sockets

Multiple-Density Solder-Eyelet Connectors with Hood and 180° Clamp

- Insulation material: molded mono-block, black phenolic
- Contact material: plug – brass; socket – phosphor bronze
- Contact plating: cadmium
- Hood material: UL 94V-0 rated thermoplastic
- Operating voltage: 250 VAC RMS maximum
- Current rating: 10 amps
- Contact resistance: 16mΩ maximum



248786CJ



248823CJ

Plugs

Part No.	Product No.	Contacts	1	25
248760CJ	P-302-CCT	2	..... \$2.15	\$1.96
248778CJ	P-303-CCT	3	..... 2.39	2.15
248786CJ	P-304-CCT	4	..... 3.09	2.49
248794CJ	P-306-CCT	6	..... 2.89	2.62

Sockets

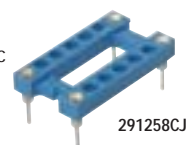
Part No.	Product No.	Contacts	1	25
248807CJ	S-302-CCT	2	..... \$2.29	\$2.11
248815CJ	S-303-CCT	3	..... 2.69	2.43
248823CJ	S-304-CCT	4	..... 2.69	2.46
248831CJ	S-306-CCT	6	..... 3.09	2.80

Jameco's Got the Docs

We offer free technical documents for most of the products we carry. Find them easily on our web product specification pages @ www.Jameco.com.

ARIES Oscillator Sockets

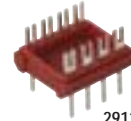
- Body material: blue UL 94V-0 glass filled polyester thermoplastic
- Brass alloy pin, 1/2 hard w/ 200µ" (5.08µm) 93/7 tin/lead plating
- Contact current: 3A
- Center pin spacing: .300" (7.62mm)
- Operating temperature: 221°F (105°C)
- Suggested PCB hole size: .030" (.76mm)



291258CJ

Part No.	Prod. No.	Pos.	L" x W"	1	10	100
291282CJ	1108800	8	.40 x .40 ..	\$.56	\$.47	\$.38
291258CJ	1107741	14	.70 x .40 ....	.56	.47	.38

ARIES DIP Headers and Header Covers



291119CJ



291451CJ

- Standard cover/body material is red UL 94-HB glass filled nylon
- High temperature cover/body material is black UL 94V-0 4/6 nylon

Series 600 Headers w/ Coined Contacts

- Coined contacts are brass 1/2 hard
- Contact plating: 100µ min., tin
- Contact current rating: 2A
- Operating temperature: 221°F (105°C)
- Fork contacts: accepts up to .025" (.64mm) dia. leads

Part No.	Product No.	Pos.	*W (in.)	1	10	100
291119CJ	08-600-10	8	.300 ..	\$1.09	\$.96	\$.79
291311CJ	14-600-10	14	.300	1.55	1.37	1.11
291573CJ	16-600-10	16	.300	1.69	1.49	1.22
291872CJ	18-600-10	18	.300	1.89	1.67	1.35
291944CJ	20-600-10	20	.300	2.05	1.79	1.45
291995CJ	24-600-10	24	.600	2.49	2.19	1.79
295128CJ	28-600-10	28	.600	2.89	2.55	2.06

* Center to center pin width

Series 650 Header Covers

Part No.	Prod. No.	Pos.	*Ht. (in.)	1	10	100
291127CJ	08-650-10	8	.125	\$.48	\$.395	\$.335
291338CJ	14-650-10	14	.125 ....	.49	.40	.33
291451CJ	14-650-20	14	.375 ....	.53	.44	.36
291653CJ	16-650-10	16	.125 ....	.52	.43	.36
291661CJ	16-650-20	16	.375 ....	.52	.43	.36
291881CJ	18-650-10	18	.125 ....	.61	.50	.41
291952CJ	20-650-10	20	.125 ....	.60	.50	.41
292007CJ	24-650-10	24	.125 ....	.67	.56	.45
292023CJ	24-650-20	24	.375 ....	.79	.68	.51
295136CJ	28-650-10	28	.125 ....	.87	.74	.61

* Max. component height

Crimping Tools for Crimp Pins – See page 242.

