Connectors, Headers, Plugs & Sockets

**AMP 100" (2.54mm) IDC Ribbon Connectors**

- Center and Military Polarized Receptacles
- Accepts 28-26AWG solid or stranded cables
- Contact current rating: 1A continuous
- Housing, cover: 94/0 rated thermoplastic, black
- Contacts: phosphor bronze, duplex plating

**Contact Plating:**
- A: 30µ gold, 50µ min. tin
- B: 15µ gold, 100±200µ tin
- C: 15µ gold, 100-200µ tin lead, all over 50µ nickel
- D: 30µ gold-100µ bright tin lead, all over 50µ nickel

**Order by phone 24/7 at 1-800-831-4242 or online at www.Jameco.com**

**.100" (2.54mm) IDC DIP Flat Cable Plugs**

- Mates with standard 14, 16, 20, 24, 26, 28 & 40-pin DIP sockets with 0.1" spacing
- Uses 28 AWG flat ribbon cable, pg 44
- Plastic with gold-plated contacts
- Current rating: 1A

**Part No.** | **Cross Ref.** | **Width** | **Contacts** | **1** | **10** | **100**
--- | --- | --- | --- | --- | --- | ---
42674 | 8200-14 | 0.3" | 14 | $0.45 | $0.39 | $0.35
42674 | 8200-16 | 0.3" | 16 | $0.65 | $0.59 | $0.55
104097 | 8200-20 | 0.3" | 20 | $0.65 | $0.55 | $0.49
42691 | 8200-24 | 0.6" | 24 | $0.75 | $0.65 | $0.49
99670 | 8200-28 | 0.6" | 28 | $0.79 | $0.69 | $0.59
42712 | 8200-40 | 0.6" | 40 | $1.09 | $0.99 | $0.89

**.100" (2.54mm) Non-Polarized Connector Housings & Crimp Pins**

- Mates with 0.025" square post on pattern of 0.100" centers (male headers, pg 54)
- Housing material: plastic
- Current rating: 1A
- Pin material: brass/tin plated
- Temp. rating: -55°C to +105°C
- Use crimp pin P/N 150266, pg 120

**Part No.** | **Cross Ref.** | **Number of Contacts** |
--- | --- | ---
108012 | SCH2 | 2
157383 | SCH3 | 3
100803 | SCH4 | 4
163866 | SCH5 | 5
132312 | SCH6 | 6
225975-3 | CH38-07-R | 7
103230 | SCH8 | 8
225975-5 | CH38-09-R | 9
103191 | SCH10 | 10
103182 | SCH20 | 20
103158 | SCH36 | 36

**.100" (2.54mm) Density Tap/Tab/DIP Terminals**

- Fits all PC boards
- Gold plated contacts

**Part No.** | **Positional Terminal** | **1** | **10** | **100**
--- | --- | --- | --- | ---
226302 | 36/72 DIP solder* | $2.95 | $2.59 | $2.29
226303 | 40/80 DIP solder* | $2.95 | $2.59 | $2.29
226302 | 43/86 Solder tab* | $2.95 | $2.59 | $2.29
213336 | 60/120 DIP solder* | $3.89 | $2.89 | $2.29

**Single Row**

- Order in multiples of 10

**Part No.** | **Cross Ref.** | **Number of Contacts** | **1** | **10** | **100**
--- | --- | --- | --- | --- | ---
100012 | SCH2 | 2 | $2.22 | $1.90
157383 | SCH3 | 3 | $0.39 | $0.29
100803 | SCH4 | 4 | $0.39 | $0.29
163866 | SCH5 | 5 | $0.39 | $0.29
132312 | SCH6 | 6 | $0.49 | $0.39
225975-3 | CH38-07-R | 7 | $0.49 | $0.39
103230 | SCH8 | 8 | $0.49 | $0.39
225975-5 | CH38-09-R | 9 | $0.49 | $0.39
103191 | SCH10 | 10 | $0.59 | $0.59
103182 | SCH20 | 20 | $0.65 | $0.55
103158 | SCH36 | 36 | $0.69 | $0.55

**Double Row**

- Order in multiples of 10

**Part No.** | **Cross Ref.** | **Description** | **1** | **10** | **500**
--- | --- | --- | --- | --- | ---
103254 | DOH8 | 8 | $3.59 | $3.29 | $2.99
157421 | DOH10 | 10 | $4.55 | $3.99 | $3.29

**Crimp Pins for Single/Double Row DIPs**

- Order in multiples of 10

**Part No.** | **Cross Ref.** | **Description** | **1** | **10** | **500**
--- | --- | --- | --- | --- | ---
100786 | FCH1 | Female pin | $0.19 | $0.15 | $0.12
145358 | MCH1 | Male pin | $0.19 | $0.15 | $0.12

**Jones Plugs and Socket**

**Series 300 Multiple-Density Solder-Eyellet Connectors**

- Insulation material: molded monoblock, black phenolic
- Contact material: plug – brass; socket – phosphor bronze
- Contact plating: cadmium
- Operating voltage: 250V AC max.
- Contact resistance: 16mΩ max.
- Current rating: 10 amps
- 2 position is round
- Hood material: UL 94V-0 rated thermoplastic

**Order in multiples of 10**

**Part No.** | **Cross Ref.** | **Description** | **1** | **10** | **500**
--- | --- | --- | --- | --- | ---
248831 | S-306H-CCT | 6 | $5.49 | $4.95

**Plugs with Hood and 180° Clamp**

**Order in multiples of 10**

**Part No.** | **Cross Ref.** | **Description** | **1** | **10** | **500**
--- | --- | --- | --- | --- | ---
248760 | P-300H-CCT | 2 | $3.95 | $3.59 | $3.29
248776 | P-304H-CCT | 4 | $4.49 | $4.25 | $4.05
248794 | P-306H-CCT | 6 | $4.75 | $4.49 | $4.25

***Web Code: WBP**

**Order in multiples of 10**

**Part No.** | **Cross Ref.** | **Description** | **1** | **10** | **500**
--- | --- | --- | --- | --- | ---
248831 | S-306H-CCT | 6 | $5.49 | $4.95

**Order by phone 24/7 at 1-800-831-4242 or online at www.Jameco.com**

---

**Aries**

**DIP Headers**

- Web Code: X8S

**Series 600 Headers w/ Coined Contacts**

- Standard body material is red UL 94-HB glass filled nylon
- High temperature cover/body material is black UL 94-0 4/6 nylon
- Contact plating: 100µ min., tin
- Contact rating: 2A
- Operating temperature: 221°F (105°C) max.
- Fork contacts: accept up to .025" (64mm) dia. leads

**Part No.** | **Mfr.** | **Part No.** | **Width** | **1** | **10** | **100**
--- | --- | --- | --- | --- | --- | ---
291120 | AMP | 806-090-10 | 0.3" | $1.19 | $0.99 | $0.89
291312 | AMP | 14-600-10 | 0.3" | $1.75 | $1.49 | $1.25
291574 | AMP | 16-600-10 | 0.3" | $1.95 | $1.75 | $1.49

**Center to center pin width**

**.100" DIP Header Plug**

- Gold-plated leads
- Header plugs: keyed corner to indicate pin 1
- U-shaped pin termination for easy component attachment
- Lead length: 0.188" (4.77mm)
- 0.1" spacing between leads

**Part No.** | **Mfr.** | **Part No.** | **Price**
--- | --- | --- | ---
37130 | 14-2 | $0.75 | $0.59 | $0.49