

Connectors, Headers & Housings

3 LEVELS OF SAVINGS
 FRANCHISE SOURCED | GENERIC HOUSE BRANDS | FACTORY OVERRUN

AMP .100" (2.54mm) AMPLATCH™ Ribbon Connectors

Low-Profile Shrouded Headers w/ 0.150" End Dimension, Dual Row

- 0.120" solder tail
- 0.025" square posts
- Housing: black thermoplastic, UL94V-0 rated
- Contact: phosphor bronze



*Web Code: UCB

Contact Plating:

- A: 30µ" gold in contact area, 100µ" ~ 200µ" tin/lead on solder tail, all over 50µ" nickel;
- B: 30µ" gold on mating area, 100µ" min. tin on solder end, all over 50µ" nickel;
- C: 15µ" gold in contact area, 100µ" ~ 200µ" tin/lead on solder tail, all over 50µ" nickel;
- D: copper alloy, duplex plated, 30µ" gold on contact area, 100µ" tin lead on solder area;
- E: 30µ" gold, 100µ" tin-lead on solder tail

Straight (no latch)

| Part No. | Mfr. P/N | Pos. | Plating | 1 | 10 | 100 |
|----------|-----------|------|---------|-------|-------|-------|
| 496051 | 103309-1 | 10 | A | \$.67 | \$.65 | \$.56 |
| 753571 | 5103309-2 | 14 | B | 1.35 | 1.23 | .98 |
| 496093 | 103309-5 | 20 | A | 1.49 | 1.33 | 1.22 |
| 496085 | 103308-5 | 20 | C | 1.06 | .96 | .87 |
| 496296 | 103308-6 | 26 | C | 1.49 | 1.28 | .96 |
| 737723 | 103309-7 | 34 | A | 1.95 | 1.65 | 1.36 |

Right Angle (no latch)

| Part No. | Mfr. P/N | Pos. | Plating | 1 | 10 | 100 |
|----------|----------|------|---------|-------|-------|-------|
| 737740 | 103310-2 | 14 | C | \$.84 | \$.79 | \$.76 |
| 737774 | 103310-6 | 26 | C | 1.95 | 1.76 | 1.41 |

Straight (with long latch)

| Part No. | Mfr. P/N | Pos. | Plating | 1 | 10 | 100 |
|----------|----------|------|---------|--------|--------|--------|
| 738831 | 104128-4 | 20 | D | \$4.15 | \$3.57 | \$3.25 |
| 738988 | 104313-4 | 20 | D | 2.69 | 2.62 | 2.55 |

Universal Ejection Style Pin Header Assembly (Military, Center & Dual Polarized)

- 0.110" post length
- Brass
- Housing: glass filled nylon or polyester

| Part No. | Mfr. P/N | Pos. | Plating | 1 | 10 | 100 |
|----------|----------|------|---------|--------|--------|--------|
| 736974 | 102154-6 | 26 | E | \$2.69 | \$2.14 | \$1.92 |

*Latch DIP Plugs Online — Enter Web Code EAO

JAMECO ValuePro .100" (2.54mm) Low Profile Male Shrouded Headers

Straight Double Row

- Rating: 1A (max.) @ 250VDC
- Contact resistance: 15mΩ max.
- Contact: phosphor bronze, gold plated
- Features: UL recognized CSA certified; 0.025" square post mates with sockets on 0.100" x 0.100" grid
- Use with IDC socket connectors, pg 64

*Web Code: JAH

Blue P/N = Limited Quantity Available

* Order in multiples of 10

| Part No. | Description | 1 | 10 | 100 | 1000 |
|----------|-------------|-------|-------|-------|-------|
| 67812 | 10-pin | \$.47 | \$.41 | \$.38 | \$.34 |
| 68179 | 16-pin | *.176 | .158 | .142 | |
| 68291 | 20-pin | .49 | .47 | .39 | .23 |
| 68371 | 26-pin | .54 | .42 | .35 | .21 |
| 68582 | 34-pin | .33 | .297 | .268 | .241 |
| 181105 | 40-pin | 1.49 | 1.17 | .88 | .61 |

*.200" Drive Power Connectors & Crimp Terminals Available Online — Enter Web Code ABU

Product requires 1-2 additional days to ship. Request 'ship partial' if you want other items to ship sooner (note separate shipping charges will apply). Minimum order quantity & prices are subject to change.

*For Complete Specs & Additional Product Listings Search www.Jameco.com/More and Enter Web Code Listed Above

RoHS compliant product This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 161.

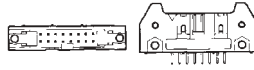
.100" (2.54mm) Straight Male Headers

With Standard Latch

Double Row

*Web Code: VAQ

- 0.1" contact center
- Mount vertical
- Keying slot
- Use with IDC socket connectors, pg 64



| Part No. | Mfr. | Pins | 1 | 10 | 100 | 500 |
|----------|-----------|--------|--------|--------|--------|-------|
| 117664 | Jameco VP | 10-pin | \$1.55 | \$1.38 | \$1.18 | \$.73 |
| 1928169 | On Shore | 16-pin | .49 | .39 | .29 | .25 |
| 71830 | Jameco VP | 20-pin | 1.95 | 10.49 | 9.49 | 1.28 |
| 2076375 | CW Ind. | 20-pin | 1.25 | .99 | .75 | .59 |
| 71933 | Jameco VP | 26-pin | 1.59 | 1.43 | 1.27 | 1.19 |
| 1928177 | On Shore | 34-pin | .89 | .69 | .55 | .45 |
| 1928185 | On Shore | 34-pin | .89 | .69 | .55 | .45 |
| 72216 | Jameco VP | 50-pin | 1.89 | 1.70 | 1.51 | 1.39 |

† right angle

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

*Web Code: YAL



- Mates with 0.025" square post on pattern of 0.100" centers (male headers, pg 60)
- Current rating: 1A
- Pin material: brass/tin plated
- Temperature rating: -55°C to +105°C
- Use 159266 pin crimper, pg 144 & 100766 crimp pin

Single Row

* Order in multiples of 10

| Part No. | Cross Ref. | Contacts | 1 | 10 | 100 | 1000 |
|----------|------------|----------|-------|-------|-------|-------|
| 100812 | SCH2 | 2 | \$.26 | \$.23 | \$.21 | \$.17 |
| 157383 | SCH3 | 3 | .27 | .24 | .22 | .18 |
| 108003 | SCH4 | 4 | .31 | .28 | .26 | .21 |
| 163686 | SCH5 | 5 | *.062 | .056 | .05 | |
| 103212 | SCH6 | 6 | .45 | .40 | .38 | .28 |
| 103203 | SCH8 | 8 | .45 | .40 | .38 | .28 |
| 103191 | SCH10 | 10 | .42 | .39 | .36 | .31 |
| 103182 | SCH20 | 20 | .62 | .56 | .45 | .33 |
| 103158 | SCH36 | 36 | .54 | .486 | .432 | .389 |

Double Row

*Web Code: SAM

| Part No. | Cross Ref. | Contacts | 1 | 10 | 100 | 1000 |
|----------|------------|----------|-------|-------|-------|-------|
| 103254 | DCH8 | 8 | \$.59 | \$.53 | \$.45 | \$.39 |
| 157421 | DCH10 | 10 | .73 | .65 | .58 | .52 |
| 157438 | DCH14 | 14 | .26 | .23 | .207 | .186 |
| 103238 | DCH16 | 16 | .87 | .78 | .70 | .64 |
| 103230 | DCH20 | 20 | .99 | .89 | .79 | .69 |
| 157462 | DCH40 | 40 | .60 | .55 | .48 | .45 |
| 157472 | DCH50 | 50 | .65 | .59 | .47 | .35 |

Crimp Pins for Single/Double Row Housings

* Order in multiples of 10

*Web Code: XAL

| Part No. | Cross Ref. | Contacts | 1 | 10 | 100 | 1000 |
|----------|------------|------------|-------|--------|--------|------|
| 100766 | FCH1 | Female pin | \$.16 | \$.127 | \$.083 | |
| 145358 | MCH1 | Male pin | .15 | .135 | .12 | |

Helping You Find What You Need

Can't find the product you're looking for call us at 1-800-831-4242.

3M .100" (2.54mm) IDC Wiremount Socket Connectors

0.100" x 0.100" for 0.050" Pitch Cables

- Insulation: glass filled polyester (PBT), gray, UL94V-0
- 100µ" nickel underplating & U-slot; 30µ" gold wiping area
- Copper alloy contacts
- Current rating: 1A
- Withstanding voltage: 1000V_{RMS}
- Insulation resistance: 1MΩ @ 500VDC
- Accepts 26-28AWG solid or stranded wires
- Open end, center bump, military



3000 Series With Strain Relief

*Web Code: ADV

| Part No. | Mfr. P/N | Positions | 1 | 10 | 50 |
|----------|-----------|-----------|--------|--------|--------|
| 1576407 | 3421-6620 | 20 | \$3.99 | \$3.36 | \$3.10 |

8000 Series With Strain Relief

- Contact: phosphor bronze, 30µ" nickel underplating
- Without center bump

| Part No. | Mfr. P/N | Positions | 1 | 10 | 100 |
|----------|------------|-----------|-------|-------|-------|
| 1578074 | 89110-0001 | 10 | \$.86 | \$.72 | \$.69 |

JAMECO ValuePro .100" & 2mm IDC Socket Connectors EXCLUSIVE

Double Row

- Current rating: 1A
- Mates with 2 rows of .025" sq. or dia. posts on patterns of .100" centers (male headers, pg 60)
- Contact material: phosphor bronze w/ 1µ" gold flash on mating area, tin plated on termination area
- Industry standard IDC socket (plastic)
- Temp. rating: -55°C to +105°C
- Use crimper P/N 73252, pg 63



32564

Polarized

Blue Part No. = Limited Quantity Available

| Part No. | Cross Ref. No. | Contacts | 1 | 10 | 100 | 1000 |
|----------|----------------|----------|-------|--------|-------|-------|
| 32492 | S10 | 10 | \$.31 | \$.265 | \$.20 | \$.16 |
| 153948 | S14 | 14 | .32 | .27 | .21 | .16 |
| 119467 | S16 | 16 | .37 | .31 | .23 | .18 |
| 32522 | S20 | 20 | .53 | .43 | .32 | .25 |
| 32564 | S26 | 26 | .49 | .358 | .297 | .195 |
| 32644 | S34 | 34 | .53 | .42 | .38 | .27 |
| 32679 | S40 | 40 | .73 | .68 | .61 | .49 |
| 100386 | IDC44 | 44 (2mm) | .99 | .89 | .71 | .53 |
| 32708 | S50 | 50 | .74 | .65 | .449 | .337 |
| 32759 | S60 | 60 | 1.15 | 1.05 | .97 | .59 |

Non-Polarized

| Part No. | Cross Ref. | Contacts | 1 | 10 | 100 | 1000 |
|----------|------------|----------|-------|-------|-------|-------|
| 138376 | SN10 | 10 | \$.35 | \$.32 | \$.28 | \$.24 |
| 138325 | SN20 | 20 | .87 | .67 | .52 | .39 |
| 138333 | SN26 | 26 | .33 | .30 | .27 | .243 |
| 138341 | SN34 | 34 | .45 | .40 | .35 | .263 |
| 138350 | SN40 | 40 | .49 | .45 | .39 | .29 |
| 138368 | SN50 | 50 | .91 | .81 | .62 | .46 |

JAMECO ValuePro .100" IDC Plug Connector

Double Row

- Shrouded header without mounting ears
- Plastic
- Contact: gold-plated phosphor bronze
- Use with IDC socket for connectors above

JAMECO EXCLUSIVE

| Part No. | Cross Ref. | Contacts | 1 | 10 | 100 |
|----------|------------|----------|--------|--------|--------|
| 29217 | P50 | 50 | \$1.95 | \$1.66 | \$1.25 |

*Universal Connectors Online — Enter Web Code GAU