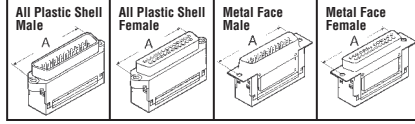


CW INDUSTRIES

D-Subminiature Connectors



Specifications: • Contacts: phosphor bronze • Contact Plating: 10µ inch gold (in mating area) over 50µ inch nickel or 100µ inch tin-lead • Insulator material: UL 94V-0 flame-retardant thermoplastic • Cover pull-off force 226.79 grams/contact minimum (force applied along contacts primary axis)
 • Withdrawal force 56.70g – 226.79g/contact, typical • Color: blue • Operating Temperature: -55°C - 125°C • Current I_A (maximum) per contact • Dielectric Withstand Voltage: 500VDC (sea level) • Insulation resistance: 5 x 10¹⁰Ω

| No. of Cont. | Cont. Finish | Dimension A In. (mm) | Digi-Key Part No. | Pricing | | |
|--------------|--------------|----------------------|-------------------|---------|----|-----|
| | | | | 1 | 10 | 100 |

Male D-Subminiature Connectors, Plastic Shell

| | | | | | | |
|-----|----------|--------------|--------------|-----------|-------|--------|
| 9 | Gold | .984(24.99) | CMP09G-ND | 3.66 | 27.73 | 212.40 |
| | Tin | .984(24.99) | CMP09S-ND | 3.10 | 23.50 | 180.00 |
| | Tin-Lead | .984(24.99) | CMP09T-ND | 3.10 | 23.50 | 180.00 |
| 15 | Gold | 1.312(33.32) | CMP15G-ND | 4.84 | 36.66 | 280.80 |
| | Tin | 1.312(33.32) | CMP15S-ND | 4.12 | 31.26 | 239.40 |
| | Tin-Lead | 1.312(33.32) | CMP15T-ND | 4.12 | 31.26 | 239.40 |
| 25 | Gold | 1.852(47.04) | CMP25G-ND | 6.51 | 49.35 | 378.00 |
| | Tin | 1.852(47.04) | CMP25S-ND | 5.55 | 42.07 | 322.20 |
| | 37 | Gold | 2.500(63.50) | CMP37G-ND | 9.61 | 72.85 |
| Tin | | 2.500(63.50) | CMP37S-ND | 8.18 | 62.04 | 475.20 |

Female D-Subminiature Connectors, Plastic Shell

| | | | | | | |
|----------|----------|--------------|--------------|-----------|-------|--------|
| 9 | Gold | .984(24.99) | CFP09G-ND | 3.22 | 31.96 | 244.80 |
| | Tin | .984(24.99) | CFP09S-ND | 4.60 | 27.26 | 208.80 |
| | 15 | Gold | 1.312(33.32) | CFP15G-ND | 5.52 | 41.83 |
| Tin | | 1.312(33.32) | CFP15S-ND | 4.68 | 35.49 | 271.80 |
| Tin-Lead | | 1.312(33.32) | CFP15T-ND | 4.68 | 35.49 | 271.80 |
| 25 | Gold | 1.852(47.04) | CFP25G-ND | 7.50 | 56.87 | 435.60 |
| | Tin | 1.852(47.04) | CFP25S-ND | 6.39 | 48.41 | 370.80 |
| | Tin-Lead | 1.852(47.04) | CFP25T-ND | 6.39 | 48.41 | 370.80 |
| 37 | Gold | 2.500(63.50) | CFP37G-ND | 11.10 | 84.13 | 644.40 |
| | Tin | 2.500(63.50) | CFP37S-ND | 9.02 | 71.44 | 547.20 |
| | Tin-Lead | 2.500(63.50) | CFP37T-ND | 9.42 | 71.44 | 547.20 |

Male D-Subminiature Connectors, Metal Face

| | | | | | | |
|----------|------|--------------|--------------|-----------|-------|--------|
| 9 | Gold | .984(24.99) | CMM09G-ND | 4.00 | 30.32 | 232.20 |
| | Tin | .984(24.99) | CMM09S-ND | 3.41 | 25.85 | 198.00 |
| | 15 | Gold | 1.312(33.32) | CMM15G-ND | 5.27 | 39.95 |
| Tin | | 1.312(33.32) | CMM15S-ND | 4.50 | 34.08 | 261.00 |
| 25 | | Gold | 1.852(47.04) | CMM25G-ND | 7.16 | 54.29 |
| | Tin | 1.852(47.04) | CMM25S-ND | 6.08 | 46.06 | 352.80 |
| | 37 | Gold | 2.500(63.50) | CMM37G-ND | 10.60 | 80.37 |
| Tin | | 2.500(63.50) | CMM37S-ND | 9.02 | 68.39 | 523.80 |
| Tin-Lead | | 2.500(63.50) | CMM37T-ND | 9.02 | 68.39 | 523.80 |

Female D-Subminiature Connectors, Metal Face

| | | | | | | |
|-----|------|--------------|--------------|-----------|-------|--------|
| 9 | Gold | .984(24.99) | CFM09G-ND | 4.65 | 35.25 | 270.00 |
| | Tin | .984(24.99) | CFM09S-ND | 3.97 | 30.08 | 230.40 |
| | 15 | Gold | 1.312(33.32) | CFM15G-ND | 6.05 | 45.83 |
| Tin | | 1.312(33.32) | CFM15S-ND | 5.15 | 39.01 | 298.80 |
| 25 | | Gold | 1.852(47.04) | CFM25G-ND | 8.22 | 62.28 |
| | Tin | 1.852(47.04) | CFM25S-ND | 6.98 | 52.88 | 405.00 |
| | 37 | Gold | 2.500(63.50) | CFM37G-ND | 12.18 | 92.36 |
| Tin | | 2.500(63.50) | CFM37S-ND | 10.35 | 78.49 | 601.20 |

• RoHS Compliant

D-Subminiature Cable Assemblies

Single Ended — Male

* MC = Multi-Color
GR = Gray

| No. of Cont. | Cont. Finish | Length Feet (Meters) | Ribbon Cable* | Digi-Key Part No. | Pricing | | |
|---------------------------------------|--------------|----------------------|---------------|-------------------|---------|--------|-----|
| | | | | | 1 | 10 | 100 |
| Using Plastic Shell Connectors | | | | | | | |
| 9 | Gold | 6 (1.83) | MC | C7MXG-0906G-ND | 8.78 | 66.53 | |
| | Tin | 6 (1.83) | MC | C7MXS-0906G-ND | 8.22 | 62.30 | |
| | Gold | 6 (1.83) | GR | C7MXG-0906G-ND | 5.02 | 38.04 | |
| | Tin | 6 (1.83) | GR | C7MXS-0906G-ND | 4.46 | 33.81 | |
| | Gold | 10 (3.05) | MC | C7MXG-0910M-ND | 12.19 | 92.40 | |
| | Tin | 10 (3.05) | MC | C7MXS-0910M-ND | 11.63 | 88.17 | |
| 15 | Gold | 6 (1.83) | MC | C7MXG-1506G-ND | 5.92 | 44.91 | |
| | Tin | 6 (1.83) | MC | C7MXS-1506G-ND | 5.37 | 40.68 | |
| | Gold | 6 (1.83) | GR | C7MXG-1506G-ND | 7.10 | 53.84 | |
| | Tin | 6 (1.83) | GR | C7MXS-1506G-ND | 6.39 | 48.44 | |
| | Gold | 10 (3.05) | MC | C7MXG-1510M-ND | 16.87 | 127.86 | |
| | Tin | 10 (3.05) | MC | C7MXS-1510M-ND | 16.15 | 122.46 | |
| 25 | Gold | 6 (1.83) | MC | C7MXG-2506G-ND | 8.61 | 65.30 | |
| | Tin | 6 (1.83) | MC | C7MXS-2506G-ND | 7.90 | 59.89 | |
| | Gold | 10 (3.05) | GR | C7MXG-2510G-ND | 12.56 | 95.23 | |
| | Tin | 10 (3.05) | GR | C7MXS-2510G-ND | 11.84 | 90.42 | |
| | Gold | 10 (3.05) | MC | C7MXG-3710G-ND | 18.96 | 143.70 | |
| | Tin | 10 (3.05) | MC | C7MXS-3710G-ND | 17.53 | 132.89 | |

| No. of Cont. | Cont. Finish | Length Feet (Meters) | Ribbon Cable* | Digi-Key Part No. | Pricing | | |
|--------------|--------------|----------------------|---------------|-------------------|---------|--------|-----|
| | | | | | 1 | 10 | 100 |
| 25 | Gold | 6 (1.83) | MC | C7MXG-2506G-ND | 18.54 | 140.56 | |
| | Tin | 6 (1.83) | MC | C7MXS-2506G-ND | 17.58 | 133.27 | |
| | Gold | 6 (1.83) | GR | C7MXG-2506G-ND | 10.72 | 81.25 | |
| | Tin | 6 (1.83) | GR | C7MXS-2506G-ND | 9.76 | 73.96 | |
| | Gold | 10 (3.05) | MC | C7MXG-2510M-ND | 26.56 | 201.36 | |
| | Tin | 10 (3.05) | MC | C7MXS-2510M-ND | 25.60 | 194.08 | |
| 37 | Gold | 6 (1.83) | MC | C7MXG-3706G-ND | 28.86 | 218.78 | |
| | Tin | 6 (1.83) | MC | C7MXS-3706G-ND | 27.43 | 207.97 | |
| | Gold | 6 (1.83) | GR | C7MXG-3706G-ND | 15.22 | 115.36 | |
| | Tin | 6 (1.83) | GR | C7MXS-3706G-ND | 13.79 | 104.55 | |
| | Gold | 10 (3.05) | MC | C7MXG-3710M-ND | 41.69 | 316.07 | |
| | Tin | 10 (3.05) | MC | C7MXS-3710M-ND | 40.27 | 305.26 | |
| 37 | Gold | 6 (1.83) | MC | C7MXG-3710G-ND | 18.96 | 143.70 | |
| | Tin | 6 (1.83) | MC | C7MXS-3710G-ND | 17.53 | 132.89 | |
| | Gold | 10 (3.05) | GR | C7MXG-3710G-ND | 13.52 | 102.51 | |
| | Tin | 10 (3.05) | GR | C7MXS-3710G-ND | 12.56 | 95.23 | |
| | Gold | 10 (3.05) | MC | C7MXG-3710G-ND | 28.86 | 218.78 | |
| | Tin | 10 (3.05) | MC | C7MXS-3710G-ND | 27.43 | 207.97 | |

Also available in the following configuration:
C7PXC-□□□□□-ND — With Metal Face Connector.
Call for complete part number and pricing!

Single Ended — Female

* MC = Multi-Color,
GR = Gray

| No. of Cont. | Cont. Finish | Length Feet (Meters) | Ribbon Cable* | Digi-Key Part No. | Pricing | | |
|---------------------------------------|--------------|----------------------|---------------|-------------------|---------|--------|-----|
| | | | | | 1 | 10 | 100 |
| Using Plastic Shell Connectors | | | | | | | |
| 9 | Gold | 6 (1.83) | MC | C7FXG-0906G-ND | 9.33 | 70.76 | |
| | Tin | 6 (1.83) | MC | C7FXS-0906G-ND | 8.71 | 66.06 | |
| | Gold | 6 (1.83) | GR | C7FXG-0906G-ND | 5.58 | 42.27 | |
| | Tin | 6 (1.83) | GR | C7FXS-0906G-ND | 4.96 | 37.57 | |
| | Gold | 10 (3.05) | MC | C7FXG-0910M-ND | 12.75 | 96.63 | |
| | Tin | 10 (3.05) | MC | C7FXS-0910M-ND | 12.13 | 91.93 | |
| 15 | Gold | 6 (1.83) | MC | C7FXG-1506G-ND | 6.48 | 49.14 | |
| | Tin | 6 (1.83) | MC | C7FXS-1506G-ND | 5.86 | 44.44 | |
| | Gold | 6 (1.83) | GR | C7FXG-1506G-ND | 12.74 | 96.55 | |
| | Tin | 6 (1.83) | GR | C7FXS-1506G-ND | 11.90 | 90.21 | |
| | Gold | 6 (1.83) | GR | C7FXG-1506G-ND | 7.78 | 59.01 | |
| | Tin | 6 (1.83) | GR | C7FXS-1506G-ND | 6.95 | 52.67 | |
| 25 | Gold | 6 (1.83) | MC | C7FXG-1510M-ND | 17.55 | 133.03 | |
| | Tin | 6 (1.83) | MC | C7FXS-1510M-ND | 16.71 | 126.69 | |
| | Gold | 10 (3.05) | MC | C7FXG-1510G-ND | 9.30 | 70.47 | |
| | Tin | 10 (3.05) | MC | C7FXS-1510G-ND | 8.46 | 64.12 | |
| | Gold | 6 (1.83) | MC | C7FXG-2506G-ND | 19.53 | 148.08 | |
| | Tin | 6 (1.83) | MC | C7FXS-2506G-ND | 18.42 | 139.62 | |
| 37 | Gold | 6 (1.83) | MC | C7FXG-2506G-ND | 11.71 | 88.77 | |
| | Tin | 6 (1.83) | MC | C7FXS-2506G-ND | 10.59 | 80.31 | |
| | Gold | 6 (1.83) | GR | C7FXG-2506G-ND | 10.59 | 80.31 | |
| | Tin | 6 (1.83) | GR | C7FXS-2506G-ND | 9.50 | 72.88 | |
| | Gold | 10 (3.05) | MC | C7FXG-2510M-ND | 25.55 | 208.88 | |
| | Tin | 10 (3.05) | MC | C7FXS-2510M-ND | 24.44 | 200.42 | |
| 37 | Gold | 10 (3.05) | MC | C7FXG-2510G-ND | 14.52 | 110.03 | |
| | Tin | 10 (3.05) | MC | C7FXS-2510G-ND | 13.40 | 101.57 | |
| | Gold | 6 (1.83) | MC | C7FXG-3706G-ND | 30.35 | 230.06 | |
| | Tin | 6 (1.83) | MC | C7FXS-3706G-ND | 28.67 | 217.37 | |
| | Gold | 6 (1.83) | GR | C7FXG-3706G-ND | 16.71 | 126.64 | |
| | Tin | 6 (1.83) | GR | C7FXS-3706G-ND | 15.03 | 113.95 | |
| 37 | Gold | 10 (3.05) | MC | C7FXG-3710M-ND | 43.18 | 327.35 | |
| | Tin | 10 (3.05) | MC | C7FXS-3710M-ND | 41.51 | 314.66 | |
| | Gold | 10 (3.05) | GR | C7FXG-3710G-ND | 20.44 | 154.98 | |
| | Tin | 10 (3.05) | GR | C7FXS-3710G-ND | 18.77 | 142.29 | |
| | Gold | 10 (3.05) | MC | C7FXG-3710G-ND | 18.96 | 143.70 | |
| | Tin | 10 (3.05) | MC | C7FXS-3710G-ND | 17.53 | 132.89 | |

Also available in the following configuration:
C7SXC-□□□□□-ND — With Metal Face Connector.
Call for complete part number and pricing!

Male to Male

* MC = Multi-Color,
GR = Gray

| No. of Cont. | Cont. Finish | Length Feet (Meters) | Ribbon Cable* | Digi-Key Part No. | Pricing | | |
|---------------------------------------|--------------|----------------------|---------------|-------------------|---------|--------|-----|
| | | | | | 1 | 10 | 100 |
| Using Plastic Shell Connectors | | | | | | | |
| 9 | Gold | 6 (1.83) | MC | C7MMG-0906M-ND | 12.43 | 94.26 | |
| | Tin | 6 (1.83) | MC | C7MMS-0906M-ND | 11.32 | 85.80 | |
| | Gold | 6 (1.83) | GR | C7MMG-0906M-ND | 8.68 | 65.77 | |
| | Tin | 6 (1.83) | GR | C7MMS-0906M-ND | 7.56 | 57.31 | |
| | Gold | 10 (3.05) | MC | C7MMG-0910M-ND | 15.85 | 120.13 | |
| | Tin | 10 (3.05) | MC | C7MMS-0910M-ND | 14.73 | 111.67 | |
| 15 | Gold | 6 (1.83) | MC | C7MMG-1506M-ND | 9.58 | 72.64 | |
| | Tin | 6 (1.83) | MC | C7MMS-1506M-ND | 8.47 | 64.18 | |
| | Gold | 6 (1.83) | GR | C7MMG-1506M-ND | 16.89 | 128.04 | |
| | Tin | 6 (1.83) | GR | C7MMS-1506M-ND | 15.46 | 117.23 | |
| | Gold | 6 (1.83) | GR | C7MMG-1506G-ND | 11.94 | 90.50 | |
| | Tin | 6 (1.83) | GR | C7MMS-1506G-ND | 10.51 | 79.69 | |
| 25 | Gold | 6 (1.83) | MC | C7MMG-1510M-ND | 21.70 | 164.52 | |
| | Tin | 6 (1.83) | MC | C7MMS-1510M-ND | 20.28 | 153.71 | |
| | Gold | 10 (3.05) | MC | C7MMG-1510G-ND | 13.45 | 101.96 | |
| | Tin | 10 (3.05) | MC | C7MMS-1510G-ND | 12.02 | 91.15 | |
| | Gold | 6 (1.83) | MC | C7MMG-2506M-ND | 25. | | |