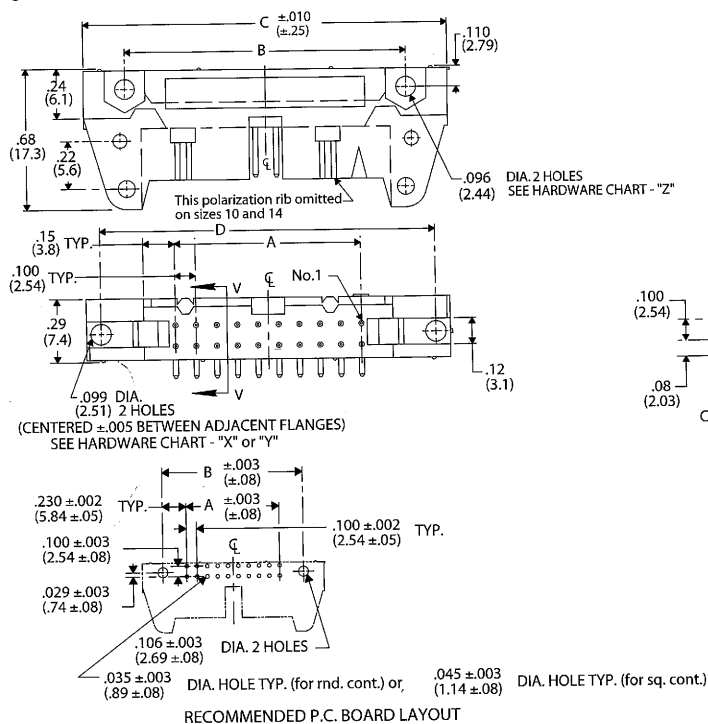
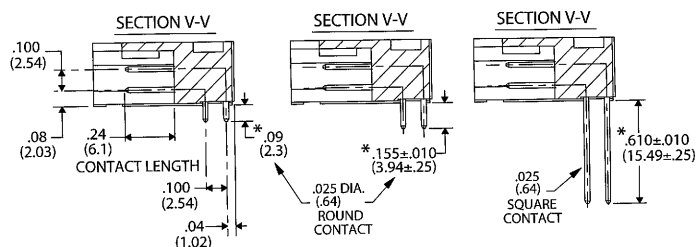


### Dimensions

#### Right Angle Header

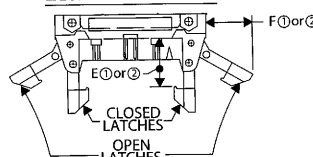


| HARDWARE CHART |          |          |          |
|----------------|----------|----------|----------|
| TYPE           | "X"      | "Y"      | "Z"      |
| THREAD         | 2-56 UNC | 1-72 UNF | 2-56 UNC |
| HEAD           | HEX.     | RND.     | OPT.     |

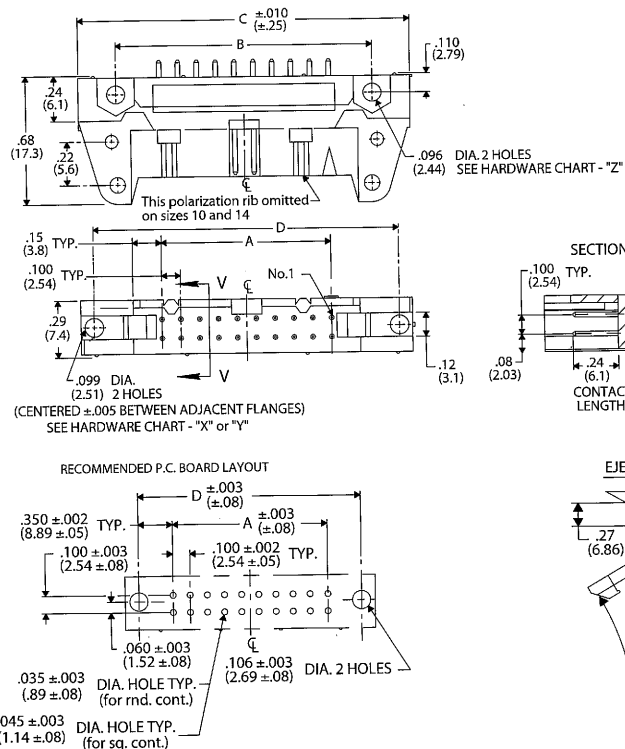


**\* Contact lengths and Tolerances are different for Mil-Dtl Connectors. Consult factory for specifications.**

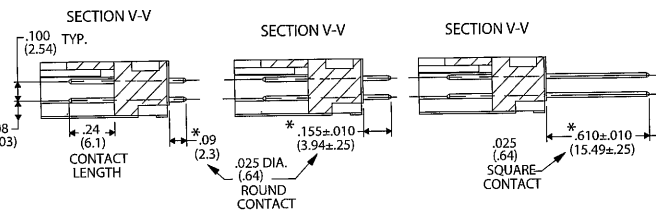
#### EJECTOR LATCH OPTIONS



#### Straight Header

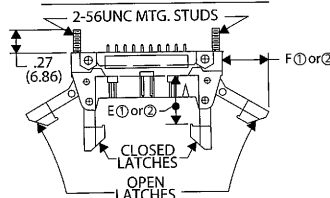


| HARDWARE CHART |          |          |          |
|----------------|----------|----------|----------|
| TYPE           | "X"      | "Y"      | "Z"      |
| THREAD         | 2-56 UNC | 1-72 UNF | 2-56 UNC |
| HEAD           | HEX.     | RND.     | OPT.     |



**\* Contact lengths and Tolerances are different for Mil-Dtl Connectors. Consult factory for specifications.**

#### EJECTOR LATCH & STUD OPTIONS



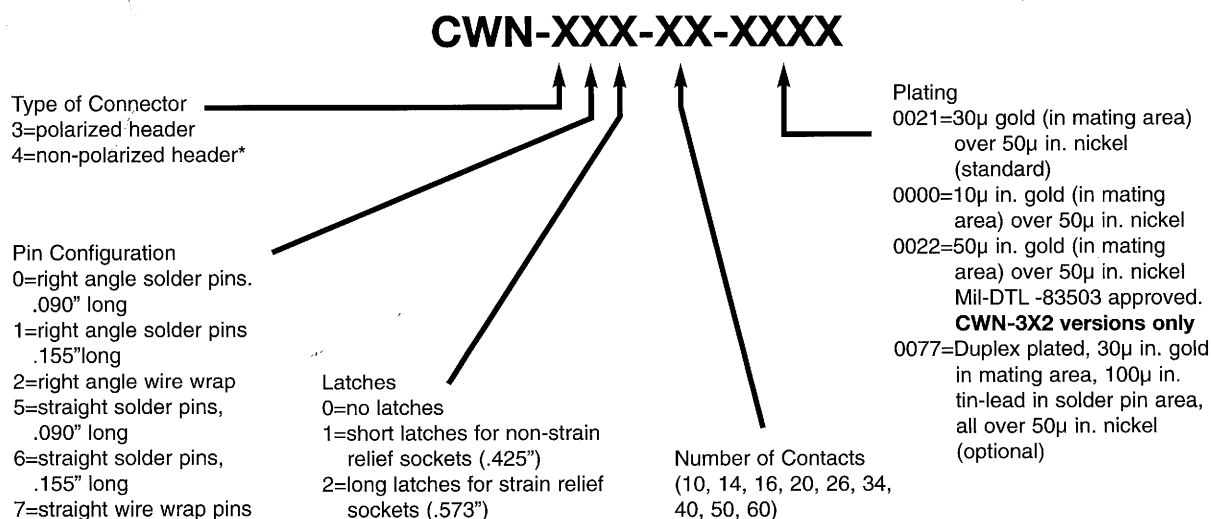
## Specifications and Ordering Information

### Specifications



- Contacts: phosphor bronze standard
- Contact Plating: 30μ in. gold (in mating area) over 50μ in. nickel, standard; 10μ gold (in mating area) over 50μ in. nickel, optional; 50μ in. gold (in mating area) over 50μ in. nickel, optional
- Insulator Material: UL 94V-0 flame - retardant thermoplastic
- Color: blue
- Operating Temperature: -55°C to +125°C
- Current Rating: 1A (maximum) per contact
- Dielectric Withstand Voltage: greater than 500 Vdc at sea level
- Insulation Resistance: greater than 5 x 10<sup>9</sup> ohms
- U.S. Defense Department Mil-DTL-83503/20, 21, approved

### How to Order Header Connectors



| HEADER DIMENSION CHART |                  |                  |                  |                  |                           |                           |                         |                         |
|------------------------|------------------|------------------|------------------|------------------|---------------------------|---------------------------|-------------------------|-------------------------|
| NO. CONT's             | A                | B                | C                | D                | E <sub>①</sub>            | E <sub>②</sub>            | F <sub>①</sub>          | F <sub>②</sub>          |
| 10                     | .400<br>(10.16)  | .860<br>(21.84)  | 1.260<br>(32.00) | 1.100<br>(27.94) | ↑<br>.425<br>(10.80)<br>↓ | ↑<br>.573<br>(14.55)<br>↓ | ↑<br>.40<br>(10.2)<br>↓ | ↑<br>.51<br>(12.6)<br>↓ |
| 14                     | .600<br>(15.24)  | 1.060<br>(26.92) | 1.460<br>(37.08) | 1.300<br>(33.02) |                           |                           |                         |                         |
| 16                     | .700<br>(17.78)  | 1.160<br>(29.46) | 1.560<br>(39.62) | 1.400<br>(35.56) |                           |                           |                         |                         |
| 20                     | .900<br>(22.86)  | 1.360<br>(34.54) | 1.760<br>(44.70) | 1.600<br>(40.64) |                           |                           |                         |                         |
| 26                     | 1.200<br>(30.48) | 1.660<br>(42.16) | 2.060<br>(52.32) | 1.900<br>(48.26) |                           |                           |                         |                         |
| 34                     | 1.600<br>(40.64) | 2.060<br>(52.32) | 2.460<br>(62.48) | 2.300<br>(58.42) |                           |                           |                         |                         |
| 40                     | 1.900<br>(48.26) | 2.360<br>(59.94) | 2.760<br>(70.10) | 2.600<br>(66.04) | ↓                         | ↓                         | ↓                       | ↓                       |
| 50                     | 2.400<br>(60.96) | 2.860<br>(72.64) | 3.260<br>(82.80) | 3.100<br>(78.74) |                           |                           |                         |                         |
| 60                     | 2.900<br>(73.66) | 3.360<br>(85.34) | 3.760<br>(95.50) | 3.600<br>(91.44) |                           |                           |                         |                         |

E<sub>①</sub> and F<sub>①</sub> pertains to all headers with short latches

E<sub>②</sub> and F<sub>②</sub> pertains to all headers with long latches

\*Polarizing ribs removed