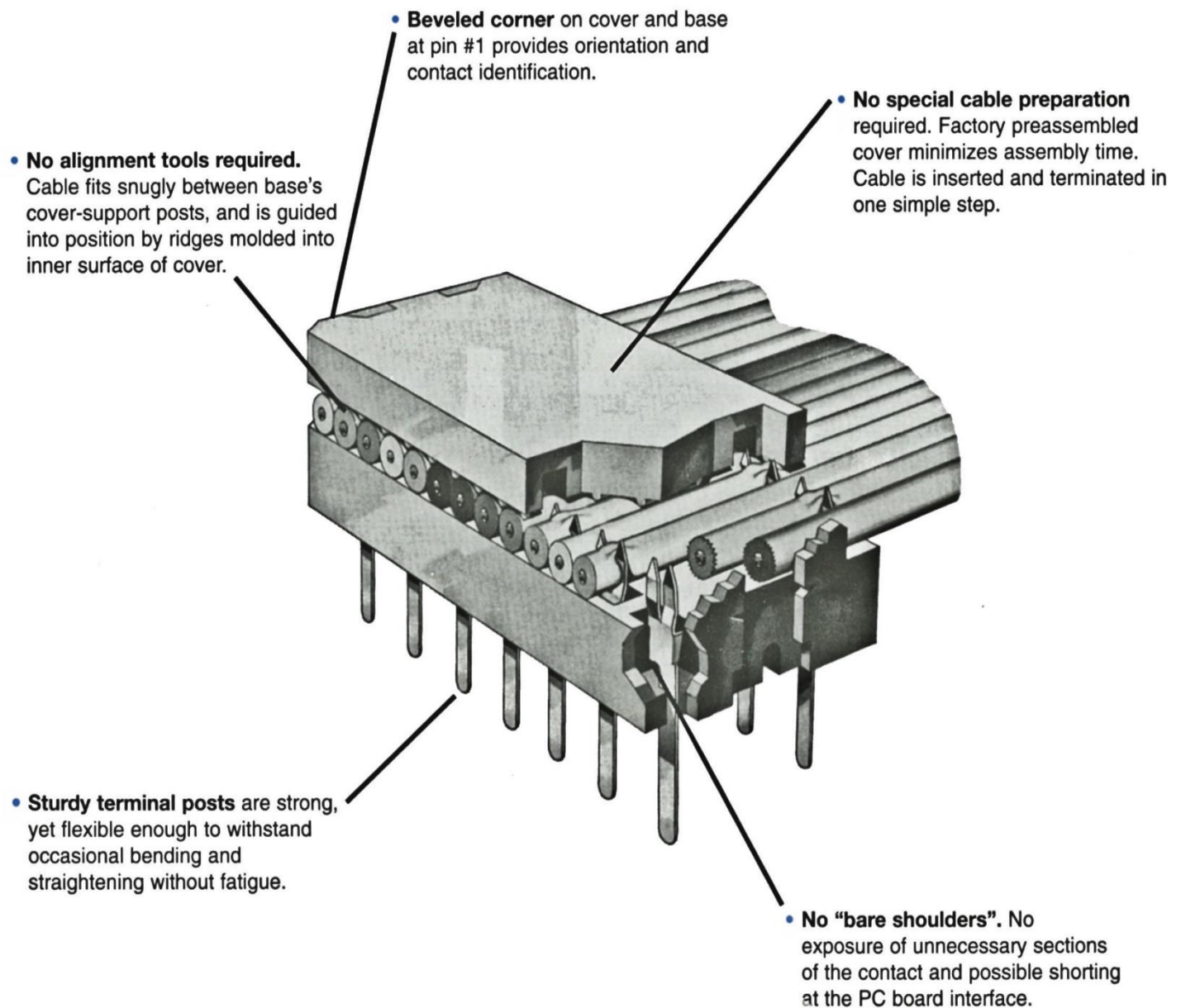


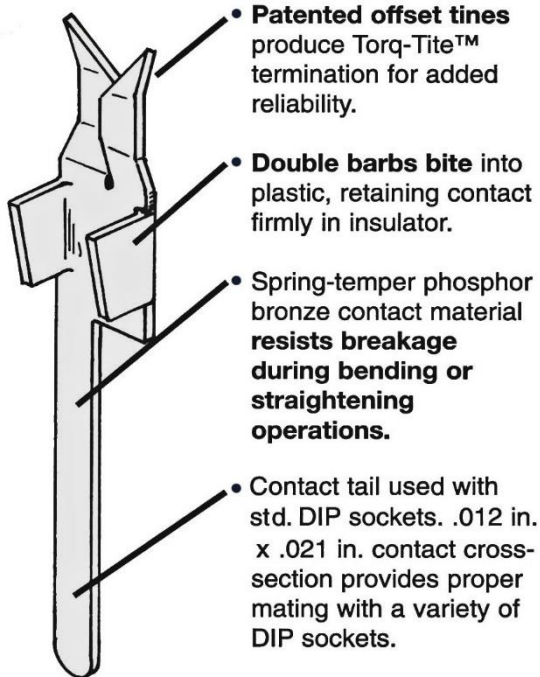
# Mil. DIP Connectors

The CW Dual-In-Line Plug (DIP) connector is used for rapid, permanent connection of ribbon cable to a PC board or to a standard DIP socket when connect/disconnect capabilities are required. The cover is factory preassembled to the connector base to simplify assembly to cable and has ridges for cable alignment. CW DIP connectors are Mil-DTL-83503/6 approved.



# Mil. DIP Connectors

## Contact

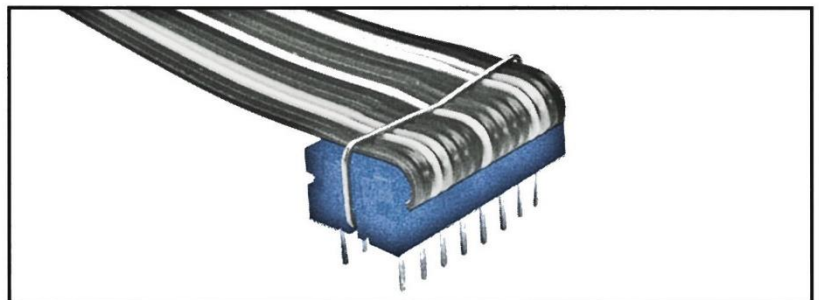


## DIP Connector Features

- Mil-DTL-83503/6 approved
- One-piece construction.
- 14, 16 and 24 pin versions.
- Patented Torq-Tite™ contacts, ensure reliable gas-tight terminations.
- Gold-plated phosphor bronze contacts, standard tin-lead plated contacts optional.
- Accepts 28-30 AWG stranded or solid conductors.
- Simple assembly – bench press or low cost hand tool is all that's needed for terminating cable and connectors.
- All pin numbers clearly marked and legible before and after assembly. Numbering is arranged to meet MIL-DTL-83503 specifications for standard IC DIP numbering.
- Optional strain relief clips are easily installed. Allows top center, vertical cable routing to reduce possibility of damage to contact pins during removal of DIP from socket.
- Contact tail length — .175 in. standard.

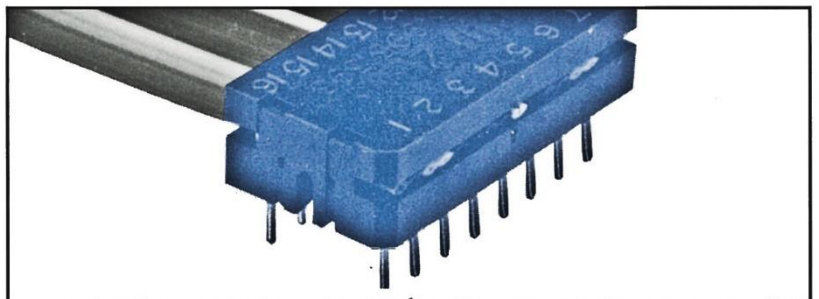
## Strain Relief

Optional metal strain relief straps are available. Connection is isolated from mechanical strain by the bend in the cable, as it is folded over the top of the assembled connector. The Strain Relief Strap is placed over the cable and snaps into a recess on the connector. A centralized top cable exit is created in the finished cable assembly.



## Contact Identification

Every contact position is numbered, per Mil-DTL-83503, for easy identification. In addition, a beveled corner at pin #1 enhances orientation of the connector to the mating DIP Socket, even in blind installations.



## Assembly

The CT200 DIP Hand Tool is designed to terminate out 14 and 16 pin DIP Connectors. It is easy to use, lightweight and compact, making it an ideal tool for field replacement work or low volume assembly applications. DIP connectors can also be assembled to cable using CW's CT301 76/84 Bench Press.

