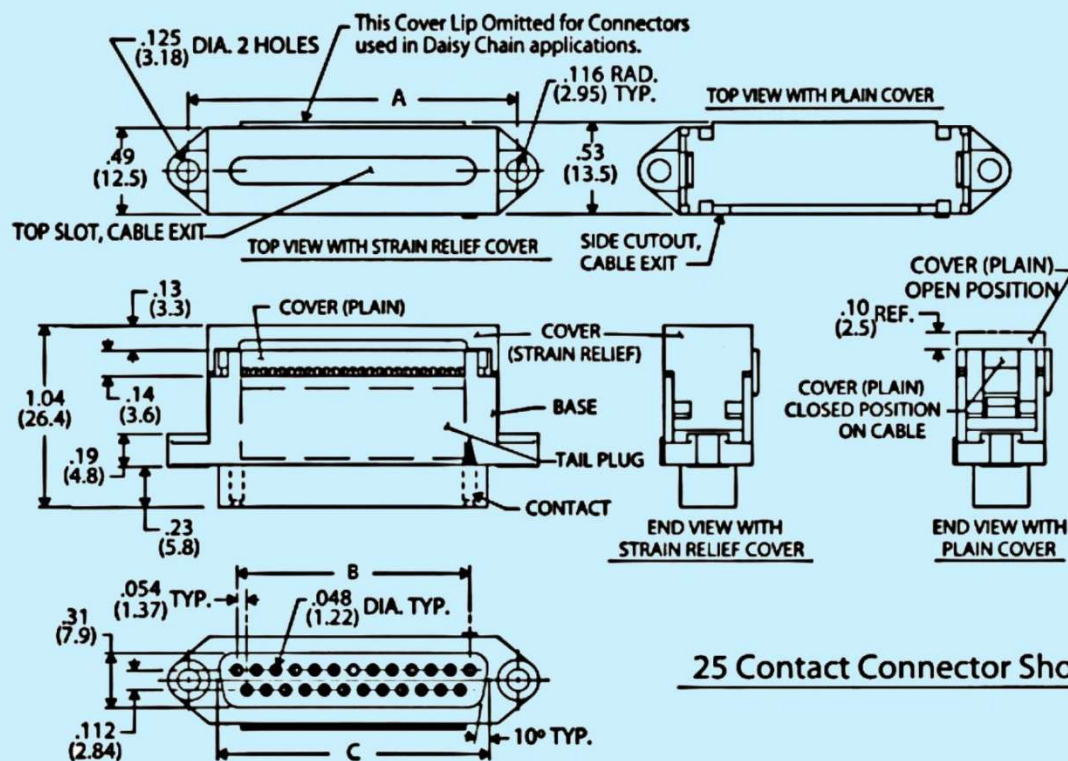


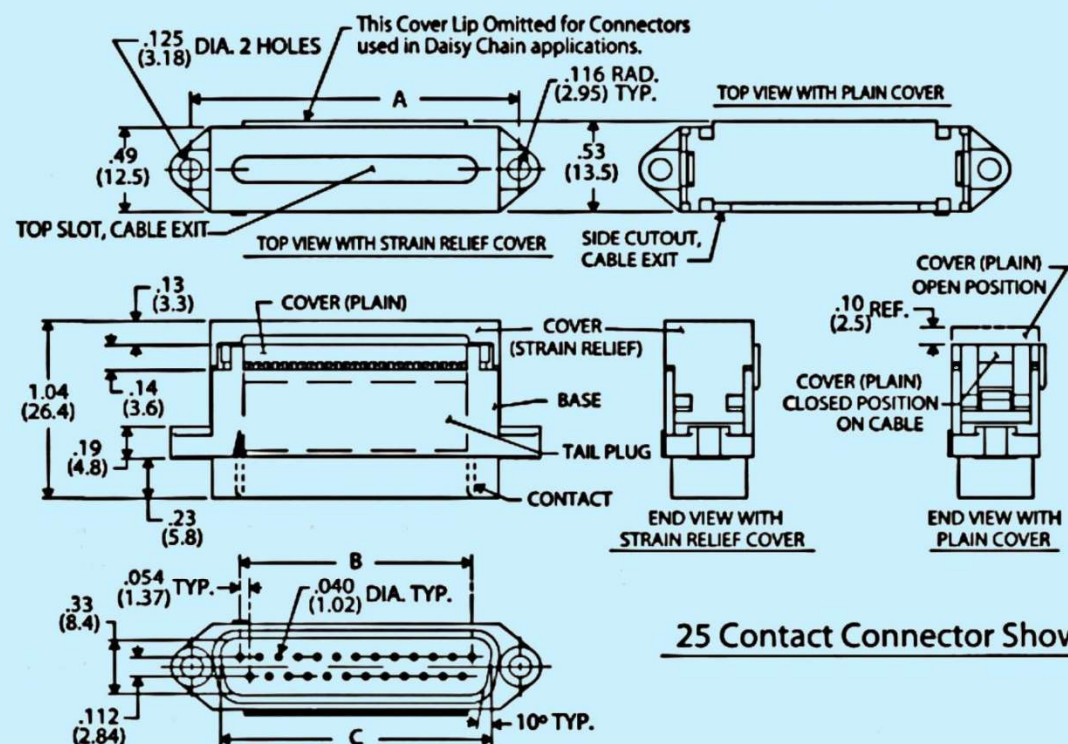
D-Subminiature-All-Plastic

Engineering Dimensions



Socket D Connector

CONNECTOR DIMENSIONS			
NO. CONTS.	A	B	C
9	.984 (24.99)	.434 (11.02)	.640 (16.26)
15	1.312 (33.32)	.760 (19.30)	.966 (24.54)
25	1.852 (47.04)	1.303 (33.10)	1.510 (38.35)
37	2.500 (63.50)	1.955 (49.66)	2.162 (54.91)



Pin D Connector

CONNECTOR DIMENSIONS			
NO. CONTS.	A	B	C
9	.984 (24.99)	.434 (11.02)	.660 (16.76)
15	1.312 (33.32)	.760 (19.30)	.986 (25.04)
25	1.852 (47.04)	1.303 (33.10)	1.530 (38.86)
37	2.500 (63.50)	1.955 (49.66)	2.182 (55.42)

D-Subminiature-All-Plastic

Specifications and Ordering Information

Specifications

- Contacts: phosphor bronze standard
- Contact Plating: 30μ in. gold (in mating area) over 50μ in. nickel, standard; 10μ in. 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
- Cover pull-off force 8 oz/contact minimum (force applied along contacts' primary axes)
- Strain Relief Cover: standard
- Withdrawal force 2-8 oz/contact, typical
- Color: blue
- Operating temperature: -55° to +125°C
- Current 1A(maximum) per contact
- Dielectric Withstand Voltage: 500 Vdc (sea level)
- Insulation resistance: 5×10^9 ohms

How to Order All-Plastic D-Subminiature Connectors

Type of Connector

182=D-Subminiature for cable end terminations, pin contact (Standard)

183=D-Subminiature for cable end terminations, socket contact (Standard)

180=D-Subminiature connector for daisy chain applications, pin contact

181=D-Subminiature connector for daisy chain applications, socket contact

CWR-XXX-XX-00XX

Number of Contacts
(9, 15, 25, 37)

Plating

0021=30μ in. gold (in mating area) over 50μ in. nickel (standard)

0000=10μ in. gold (in mating area) over 50μ in. nickel

0055=50μ in. gold (in mating area) over 50μ in. nickel

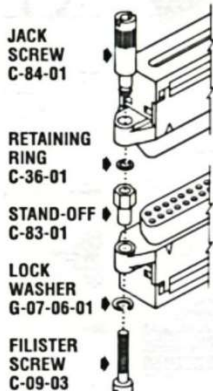
0203=100μ in. tin

Hardware Mounting Kits for All-Plastic D-Connectors

To order, specify CWN-HK-XX.

CWN-HK-01

For midspan splices or panel mounting with 2-56



FILISTER SCREW
C-09-01

LOCK WASHER
G-07-06-04

STAND-OFF
C-83-03

FLAT WASHER
G-07-05-02

LOCK WASHER
G-07-06-04

HEX NUT
C-28-01

CWN-HK-02

For midspan splices with metal-shell D connectors using 4-40 hardware.

CWN-HK-03

Two 4-40 threaded jack screws and retaining rings for midspan splices.

JACK SCREW
C-84-03

RETAINING RING
C-36-01

STANDOFF
C-83-09

LOCK WASHER
G-07-06-04

HEX NUT
C-28-01

CWN-HK-04

Two 4-40 threaded jack sockets, lock washers and hex nuts for midspan splices or panel mounting.

CWN-HK-05

Two 4-40 threaded jack screws and thread press-fit inserts* for midspan cable splices.

*requires connector mounting holes enlarged to .150".

JACK SCREW
C-84-04

Threaded Insert
C-28-09

HARDWARE SCREW
C-06-08

THREADED INSERT
C-28-02

HEX NUT
C-28-03

LOCK WASHER
G-07-06-01

THREADED INSERT
C-28-02

CWN-HK-06

Two 2-56 threaded screws, four threaded press-fit inserts, two hex nuts and lock washers for economical midspan splices.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Electroswitch:](#)

[CWR-180-09-0021](#) [CWR-181-37-0203](#) [CWR-181-09-0000](#) [CWR-180-37-0000](#) [CWR-181-15-0203](#) [CWR-180-09-0000](#) [CWR-180-15-0021](#) [CWR-181-09-0203](#) [CWR-181-37-0000](#) [CWR-180-25-0203](#) [CWR-182-37-0021](#) [CWR-181-25-0000](#) [CWR-180-25-0021](#) [CWR-181-25-0203](#) [CWR-180-09-0203](#) [CWR-180-25-0000](#) [CWR-180-15-0000](#) [CWR-181-15-0000](#) [CWR-180-15-0203](#) [CWR-180-37-0021](#)