

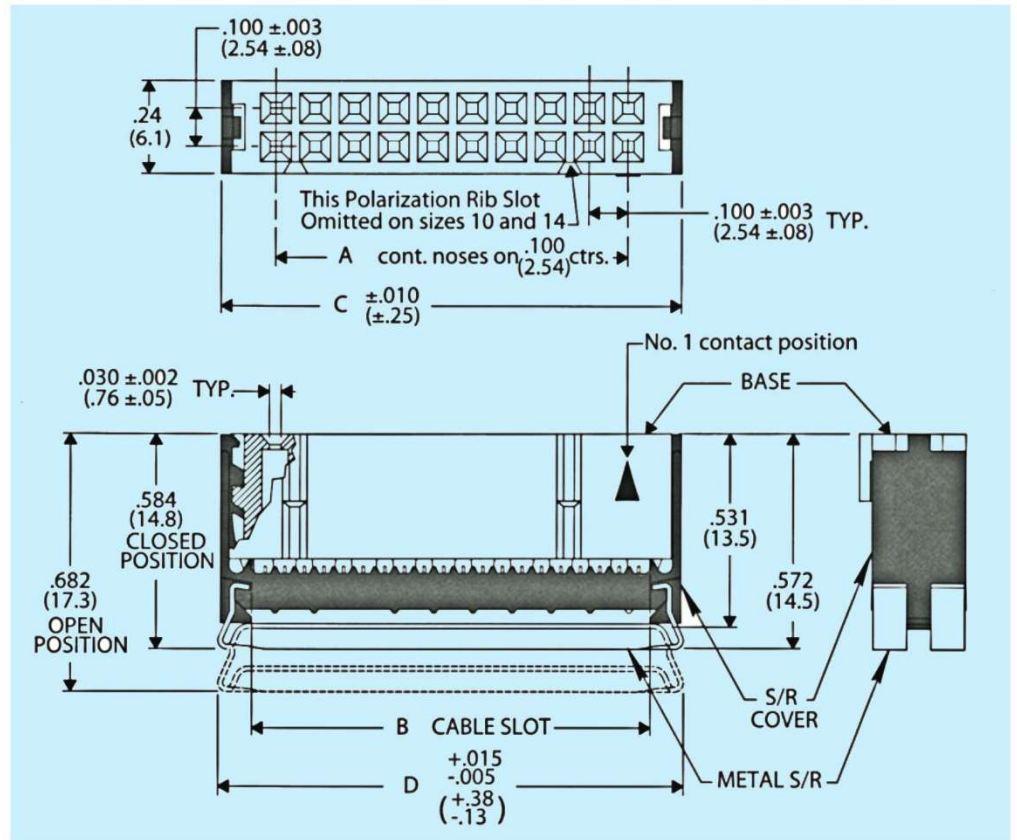
Engineering Dimensions

Dimensions

Socket Connector
with Metal Strain Relief Strap

CWR-210

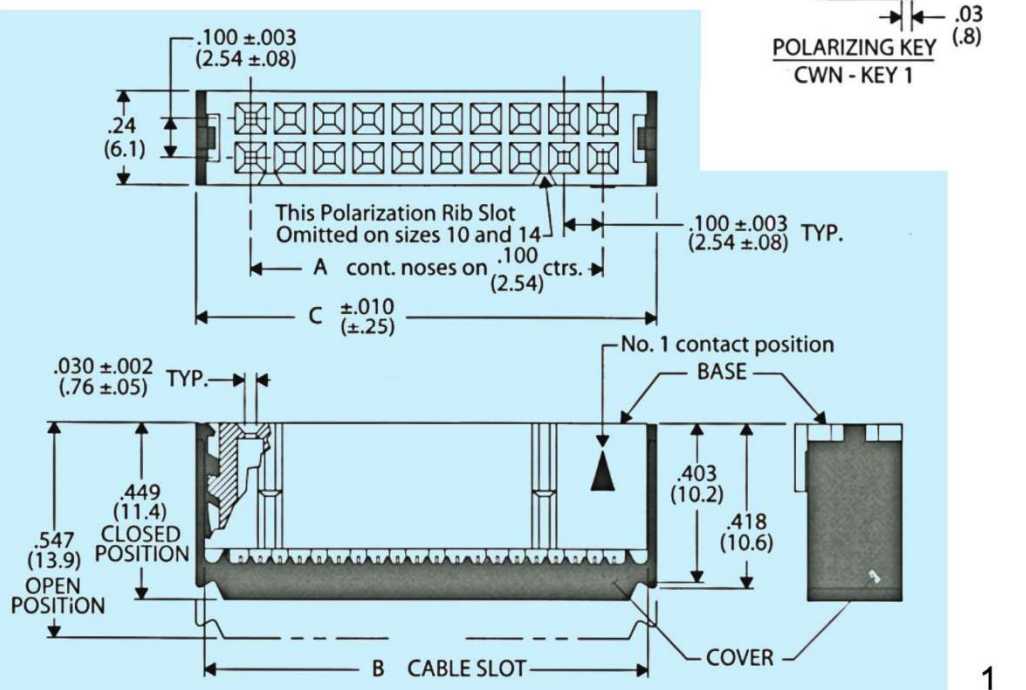
CONNECTOR DIMENSIONS				
NO. CONTS.	A	B	C	D
10	.400 (10.16)	.515 (13.08)	.677 (17.20)	.690 (17.53)
14	.600 (15.24)	.715 (18.16)	.877 (22.28)	.890 (22.61)
16	.700 (17.78)	.815 (20.70)	.977 (24.82)	.990 (25.15)
20	.900 (22.86)	1.015 (25.78)	1.177 (29.90)	1.190 (30.23)
26	1.200 (30.48)	1.315 (33.40)	1.477 (37.52)	1.490 (37.85)
34	1.600 (40.64)	1.715 (43.56)	1.877 (47.68)	1.890 (48.01)
40	1.900 (48.26)	2.015 (51.18)	2.177 (55.30)	2.190 (55.63)
50	2.400 (60.96)	2.515 (63.88)	2.677 (68.00)	2.690 (68.33)
60	2.900 (73.66)	3.015 (76.58)	3.177 (80.70)	3.190 (81.03)



Socket Connector
with Non-Strain Relief Cover

CWR-220

CONNECTOR DIMENSIONS			
NO. CONTS.	A	B	C
10	.400 (10.16)	.515 (13.08)	.677 (17.20)
14	.600 (15.24)	.715 (18.16)	.877 (22.28)
16	.700 (17.78)	.815 (20.70)	.977 (24.82)
20	.900 (22.86)	1.015 (25.78)	1.177 (29.90)
26	1.200 (30.48)	1.315 (33.40)	1.477 (37.52)
34	1.600 (40.64)	1.715 (43.56)	1.877 (47.68)
40	1.900 (48.26)	2.015 (51.18)	2.177 (55.30)
50	2.400 (60.96)	2.515 (63.88)	2.677 (68.00)
60	2.900 (73.66)	3.015 (76.58)	3.177 (80.70)



Sockets

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-O flame-retardant thermoplastic
- Strain Relief Strap Material: insulated stainless steel
- 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 5x10⁹ ohms
- Withdrawal force 2-8 oz/contact, typical
- Cover pull-off force 8 oz/contact minimum (force along contacts' primary axes)

How to Order Socket Connectors

CWR-XXX-XX-00XX

Type of Connector

- 210=Socket connector with strain relief (standard)
- 220=Socket connector without strain relief (standard)
- 217=Socket connector with central polarizing key and strain relief
- 227=Socket connector with central polarizing key, but without strain relief.

Number of Contacts
(10, 14, 16, 20, 26, 34, 40,
50, or 60)

Plating

- 0021=30μ in. gold (in mating area) over 50μ in. nickel (standard)
- 0000=10μ in. gold (in mating area) over 50μ in. nickel
- 0022=50μ in. gold (in mating area) over 50μ in. nickel. Mil-DTL-83503/7 approved, CWR-210 versions only
- 0203=100μ in. tin

Mouser Electronics

Authorized Distributor

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

Electroswitch:

[CWR-217-50-0000](#) [CWR-227-40-0000](#) [CWR-210-14-0000](#) [CWR-210-60-0203](#) [CWR-227-40-0203](#) [CWR-210-34-0203](#) [CWR-227-60-0000](#) [CWR-217-40-0203](#) [CWR-220-40-0000](#) [CWR-220-40-0203](#) [CWR-227-34-0203](#) [CWR-220-50-0000](#) [CWR-220-14-0203](#) [CWR-227-16-0000](#) [CWR-217-40-0000](#) [CWR-220-34-0000](#) [CWR-210-20-0203](#) [CWR-210-26-0000](#) [CWR-217-16-0203](#) [CWR-220-16-0000](#) [CWR-217-20-0000](#) [CWR-220-16-0203](#) [CWR-227-14-0203](#) [CWR-217-14-0203](#) [CWR-217-10-0000](#) [CWR-217-34-0203](#) [CWR-217-60-0000](#) [CWR-227-26-0203](#) [CWR-210-20-0000](#) [CWR-217-16-0000](#) [CWR-217-20-0203](#) [CWR-220-14-0000](#) [CWR-210-16-0000](#) [CWR-217-10-0203](#) [CWR-217-34-0000](#) [CWR-227-26-0000](#) [CWR-220-26-0000](#) [CWR-227-20-0021](#) [CWR-227-50-0203](#) [CWR-210-10-0000](#) [CWR-210-50-0203](#) [CWR-210-14-0203](#) [CWR-220-26-0203](#) [CWR-210-34-0000](#) [CWR-217-26-0000](#) [CWR-220-20-0000](#) [CWR-217-14-0000](#) [CWR-217-26-0203](#) [CWR-220-10-0000](#) [CWR-220-60-0000](#) [CWR-227-10-0000](#) [CWR-227-20-0203](#) [CWR-227-50-0021](#) [CWR-210-16-0203](#) [CWR-220-10-0203](#) [CWR-220-20-0021](#) [CWR-227-10-0203](#) [CWR-227-20-0000](#) [CWR-220-20-0203](#) [CWR-217-50-0203](#) [CWR-220-50-0203](#) [CWR-227-10-0021](#) [CWR-227-34-0000](#) [CWR-227-60-0021](#) [CWR-210-26-0203](#) [CWR-227-14-0000](#) [CWR-227-16-0203](#) [CWR-227-26-0021](#) [CWR-217-60-0203](#) [CWR-210-10-0203](#) [CWR-220-34-0203](#) [CWR-227-50-0000](#)