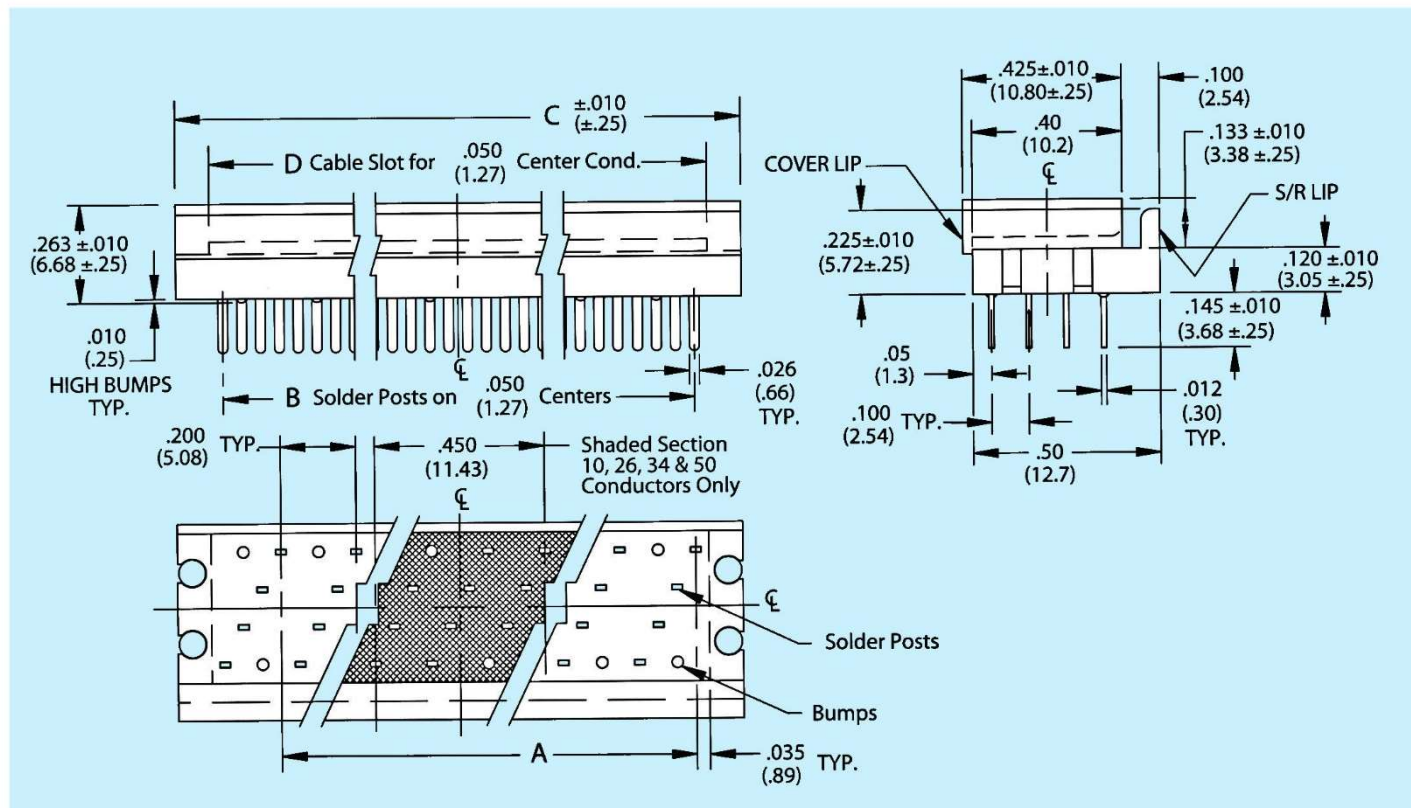


PCB Connectors

Engineering Dimensions

Dimensions



CONNECTOR DIMENSIONS				
No. Of Contacts	A	B	C	D
10	—	.450 (11.43)	.700 (17.78)	.520 (13.21)
20	.800 (20.32)	.950 (24.13)	1.200 (30.48)	1.020 (25.91)
26	1.100 (27.94)	1.250 (31.75)	1.500 (38.10)	1.320 (33.53)
34	1.500 (38.10)	1.650 (41.91)	1.900 (48.26)	1.720 (43.69)
40	1.800 (45.72)	1.950 (49.53)	2.200 (55.88)	2.020 (51.31)
50	2.300 (58.42)	2.450 (62.23)	2.700 (68.58)	2.520 (64.01)
60	2.800 (71.12)	2.950 (74.93)	3.200 (81.28)	3.020 (76.71)

Part No.	S/R LIP	COVER LIP
CWR-140	YES	YES
CWR-141	NO	YES
CWR-142	NO	NO
CWR-143	YES	NO

PCB Connectors

Specifications and Ordering Information

Specifications

- Contacts: phosphor bronze standard
- Contact Plating: 100μ in. tin, 10μ in. gold over 50μ in. nickel, optional; 30μ in. gold over 50μ in. nickel, optional; 50μ in. gold 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 5×10^9 ohms
- Cover pull-off force, without strain relief, 15 lb min. (force along contacts' primary axes)

How to Order PCB Connectors

Type of Connector

142 = A PCB connector without strain relief for daisy chain termination (standard)

140 = A PCB connector with strain relief and cover lip for cable end terminations

141 = A PCB connector without strain relief and with cover lip for cable end terminations

143 = A PCB connector with strain relief for daisy chain termination

CWR-XXX-XX-00XX

Number of contacts
(10, 20, 26, 34, 40, 50 or 60)

Plating

0203= 100μ in. tin

0000= 10μ in. gold over 50μ in. nickel

0001= 30μ in. gold over 50μ in. nickel

0047= 50μ in. gold over 50μ in. nickel

Mouser Electronics

Authorized Distributor

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[Electroswitch:](#)

[CWR-142-34-0203](#) [CWR-142-20-0203](#) [CWR-142-40-0203](#) [CWR-140-40-0203](#) [CWR-142-26-0203](#) [CWR-142-50-0203](#) [CWR-142-10-0203](#)