

2.0mm HM Type C-11 Vertical Male



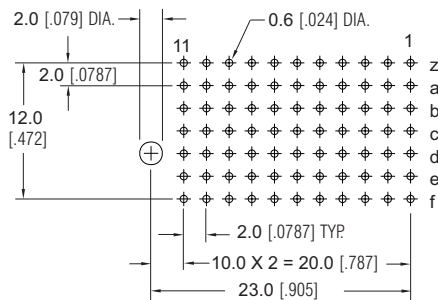
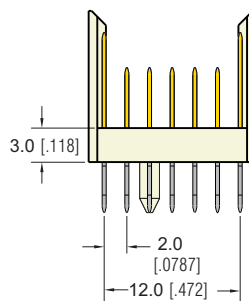
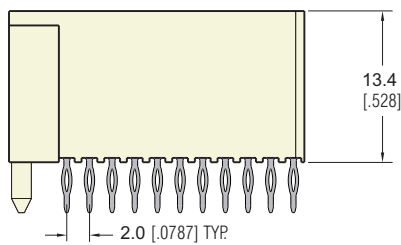
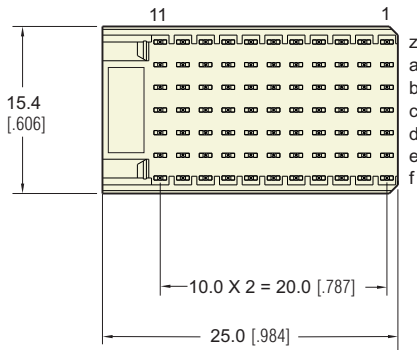
Type C-11, Vertical Male 55 Pin Connector

The **E-Z met™** type C-11 vertical male connector provides 55 signal contacts and an additional 22 ground shield contacts in a 5+2, 11 position configuration. The C-11 connector is polarized and is designed for use at the bottom end of the column of connectors on the backplane.

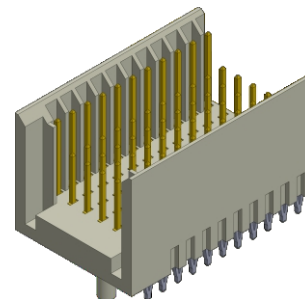
ECS offers 15 different standard tail lengths to choose from to provide various premate and midplane configurations. Contacts can be selectively loaded to accommodate customer specific applications. Custom tail lengths and mold configurations are also available. For non standard loading, or custom applications, please email ECS at custsvc@ecsconn.com.

SPECIFICATION

1. Insulator Material: PBT 30% Glass filled UL 94 V-O
2. Contact Material: Copper Alloy
3. Shield Material: Copper Alloy
4. Contact Plating:
 - Contact Area: Gold
 - Compliant Area: Matte Tin
 - Performance: Class 1: 500 cycles
 - Class 2: 250 cycles
6. Temperature Range: -55 C to +125 C
7. Contact Resistance: 20 M Ohm Max.
8. Insulation Resistance: 10^4 M Ohm Max.
9. Working Current: 1.5 ADC (Signal)
10. Test Voltage: AC 750 V Min.
11. Compliant Section:
 - Insertion Force: 100 N per contact Max.
 - Withdrawal Force: 20 N per contact Min.
12. Mating Force: .75 N per pin Max.
13. Withdrawal Force: .15 N per pin Max.
14. PCB Hole Size Requirements:
 - Drilled Hole Diameter: 0.7 ± 0.02 mm
 - Finished Hole Diameter: 0.6 ± 0.05 mm
15. Recommended PCB Thickness: 1.6mm Min.
16. IEC 61076-4-101 Standard



P.C. BOARD LAYOUT



Identification	Number of Contacts	Contact Mating Side	Termination Side	Part Number	Contact Configuration
Type C	55	8.2 [.323]	3.7 [.146]	70-55-C11-1001	
Type C	77	8.2 [.323] 11.2 [.441]	3.7 [.146]	70-77-C11-1001	
Type C	55	9.7 [.382]	3.7 [.146]	70-55-C11-1101	
Type C	77	9.7 [.382] 11.2 [.441]	3.7 [.146]	70-77-C11-1101	
Type C	55	8.2 [.323]	13.0 [.512]	70-55-C11-1201 70-55-C11-2201	
Type C	77	8.2 [.323] 11.2 [.441]	3.7 [.146] 13.0 [.512]	70-77-C11-1201 70-77-C11-2201	

Bold part numbers are for Level 2 plating.

