

2.0mm HM Type B-25 Vertical Male



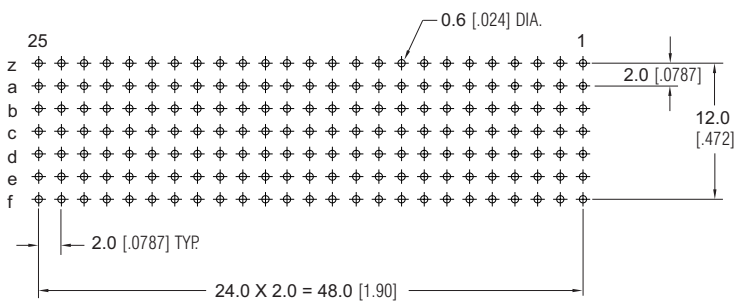
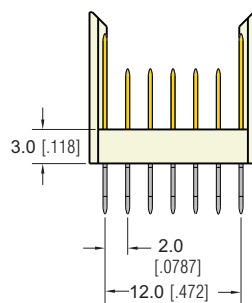
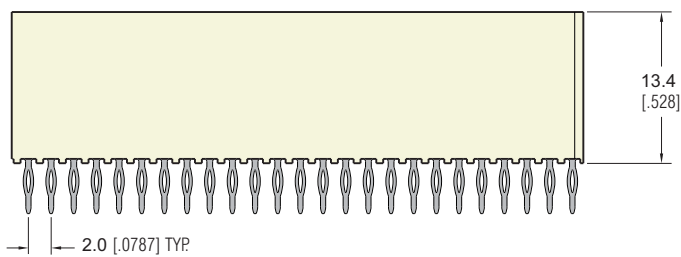
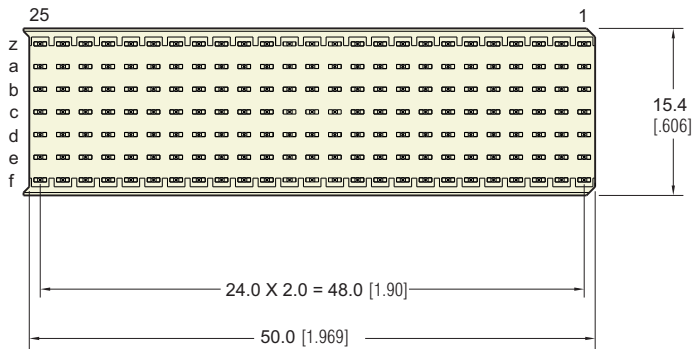
SPECIFICATION

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

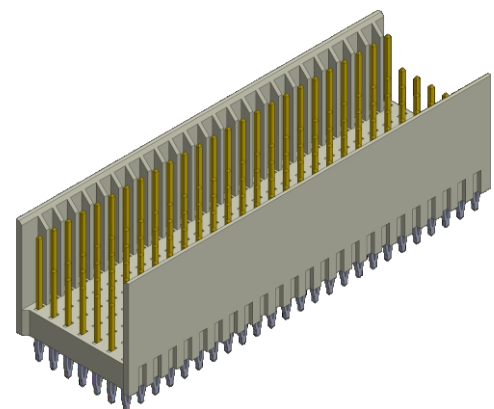
Type B-25, Vertical Male 125 Pin Connector

The **E-Z met™** type B-25 vertical male connector provides 125 signal contacts and an additional 50 ground shield contacts in a 5+2, 25 position configuration. This module is not designed to be used alone, but can be used together with either a type A, C, L, M or N **E-Z met™** connector.

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.



PC BOARD LAYOUT



Identification	Number of Contacts	Contact Mating Side	Termination Side	Part Number	Contact Configuration
Type B	125	8.2 [.323]	3.7 [.146]	70-125-B25-1001	
Type B	175	8.2 [.323] 11.2 [.441]	3.7 [.146]	70-175-B25-1001	
Type B	175	8.2 [.323] 9.7 [.382] 11.2 [.441]	3.7 [.146]	70-175-B25-1101	
Type B	175	9.7 [.382] 11.2 [.441]	3.7 [.146]	70-175-B25-1201	
Type B	125	9.7 [.382]	3.7 [.146]	70-125-B25-1101	

