

2.0mm HM Type AB-25 Vertical Male



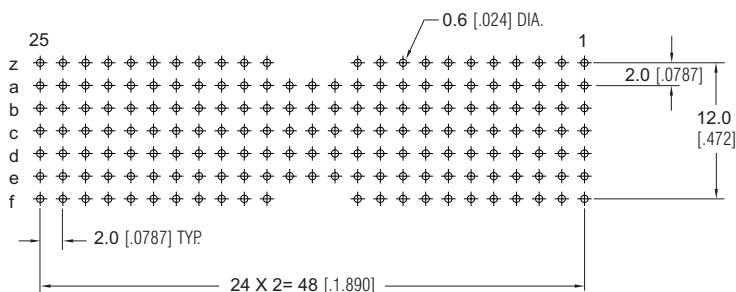
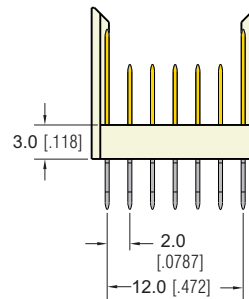
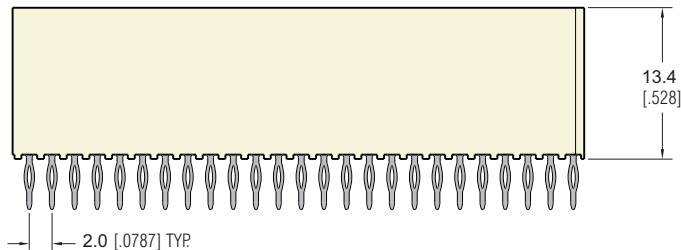
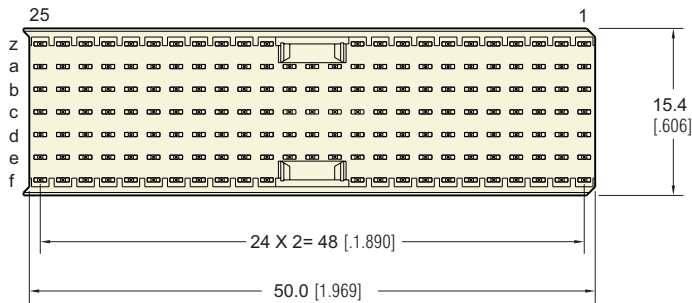
Type AB, Vertical Male 125 Pin Connector

The **E-Z met™** type AB vertical male connector provides 125 signal contacts and an optional 44 ground shield contacts in a 5+2, 25 position configuration. The Type AB connector does not have a multifunction block for coding, thus providing an extra 15 signal contacts. The type AB connector is designed to be used by itself or together with type B, C, L, M or N **E-Z met™** connectors.

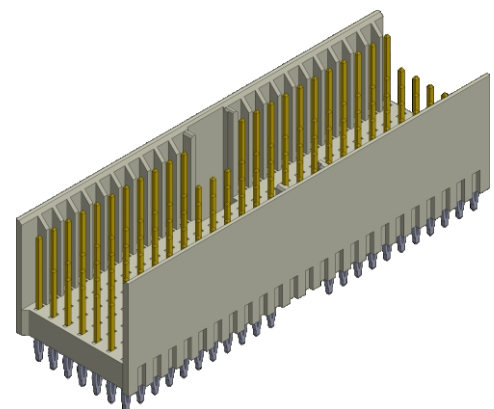
ECS offers 15 different standard tail lengths to choose from to provide various premate and midplane configurations. Contacts can be selectively loaded to accommodate customer specific applications. Custom tail lengths and mold configurations are also available. For non standard loading, or custom applications, 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 AB With Shield Without Peg	169	8.2 [.323]	13.0 [.512]	70-169-AB25-1001	
Type AB Without Shield Without Peg	125	9.7 [.382] 11.2 [.441]	14.5 [.571] 16.0 [.630]	70-125-AB25-1001	
Type AB With Shield Without Peg	169	8.2 [.323] 9.7 [.382] 11.2 [.441]	3.7 [.146]	70-169-AB25-1101	

