

2.0mm HM Type M Vertical Male



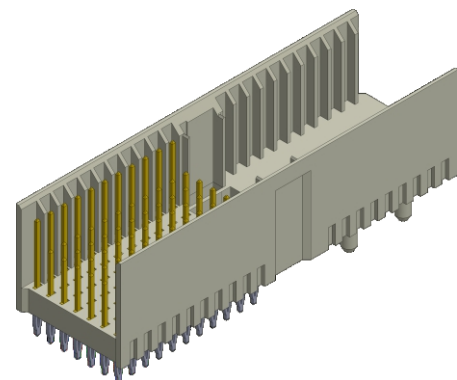
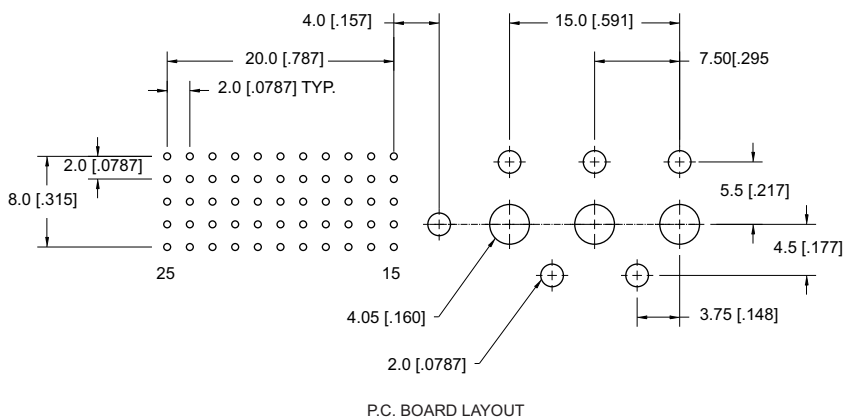
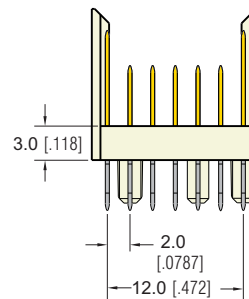
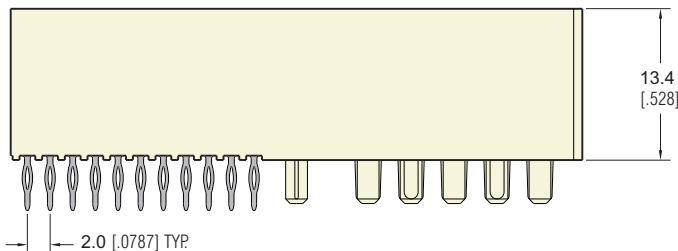
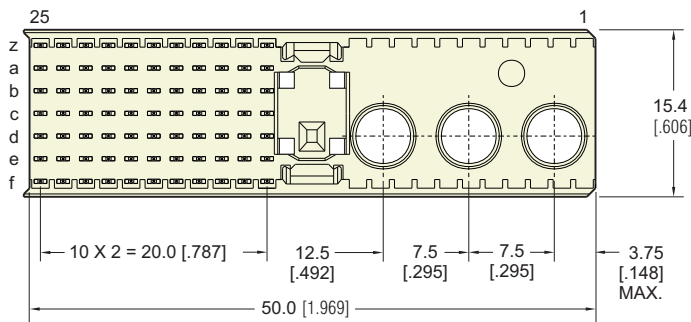
Type M, Vertical Male 77 Pin Connector

The **E-Z met™** Type M, vertical male connector provides 55 signal contacts and an optional 22 ground shield contacts. This connector also features 3 multi-purpose locations for use with high power or coax contacts, as well as a multi-function cavity for coding. For Coaxial, High Power, and High Current Contacts, Please click link below.

Coaxial, High Power, and High Current Contacts

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: 10⁴ 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 ± 0.02mm
 - Finished Hole Diameter: 0.6 ± 0.05mm
15. Recommended PCB Thickness: 1.6mm Min.
16. IEC 61076-4-101 Standard



Identification	Number of Contacts	Contact Mating Side	Termination Side	Part Number	Contact Configuration
Type M	55	9.7 [.382]	3.7 [.146]	70-55-M25-1001	

