

2.0mm HM Type B-22 Vertical Male



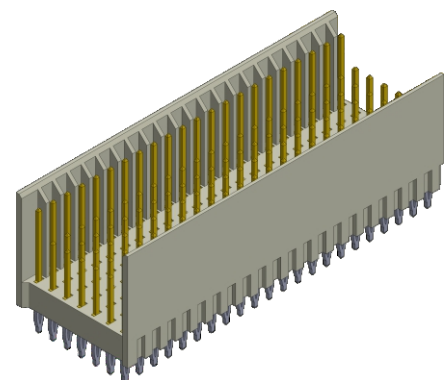
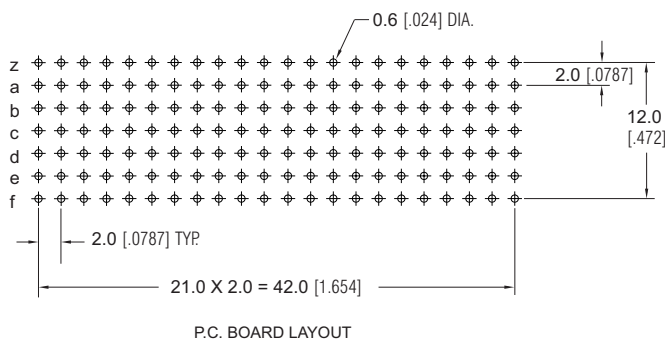
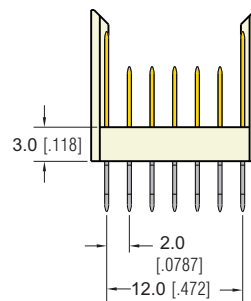
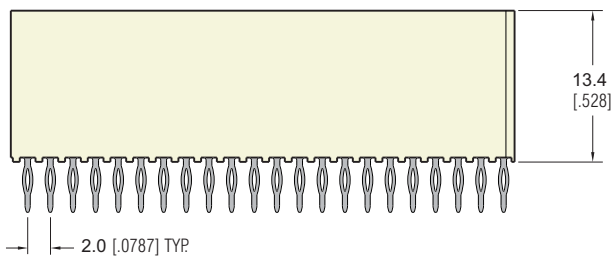
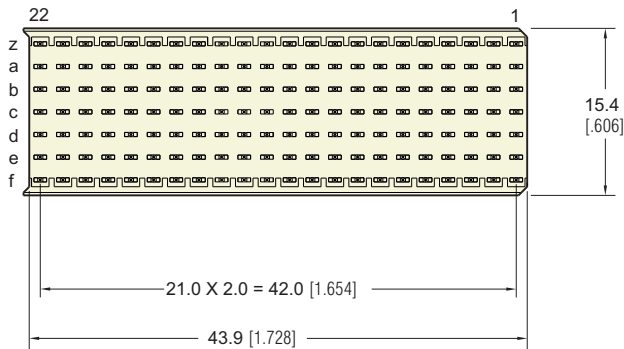
Type B-22, Vertical Male 110 Pin Connector

The **E-Z met™** type B-22 vertical male connector provides 110 signal contacts and an additional 44 ground shield contacts in a 5+2, 22 position configuration. The B-22 connector is used in the P2 and P5 positions of the CompactPCI® backplane. 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 pre-mate and mid-plane 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: 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 B	110	8.2 [.323]	3.7 [.146]	70-110-B22-1001	
Type B	154	8.2 [.323] 11.2 [.441]	3.7 [.146]	70-154-B22-1001	
Type B CompactPCI® P2	154	9.7 [.382] 11.2 [.441]	3.7 [.146]	70-154-B22-1101	
Type B, CompactPCI® computer telephony P2 telecom	132	8.2 [.323] 9.7 [.382] 11.2 [.441]	13.0 [.512] 14.5 [.571] 13.0 [.512]	70-132-B22-1001 70-132-B22-2001	
Type B, CompactPCI® P5	154	8.2 [.323] 11.2 [.441]	16.0 [.630]	70-154-B22-1301 70-154-B22-2301	

Bold part numbers are for Level 2 plating.

