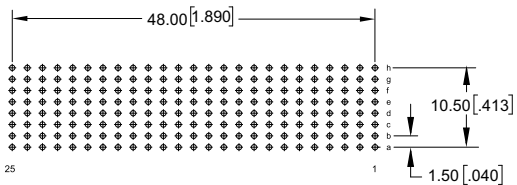
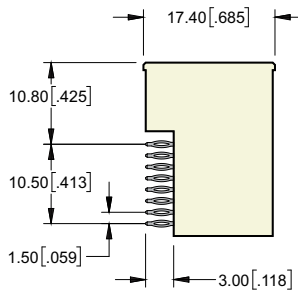
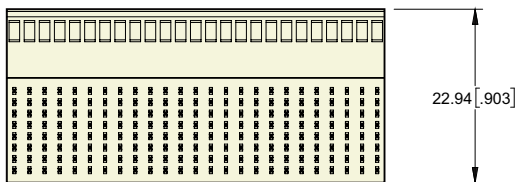
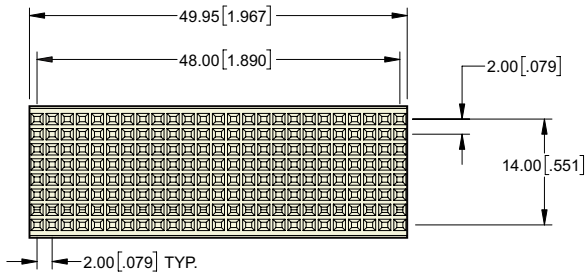


# 2.0 mm HM Type E-25 Right Angle Female



## 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. Shield Plating:
  - Contact Area: Gold
  - Compliant Area: Matte Tin
7. Temperature Range: -55 C to +125 C
8. Contact Resistance: 20 M Ohm Max.
9. Insulation Resistance: 10<sup>4</sup> M Ohm Max.
10. Working Current: 1.5 ADC (Signal)
11. Test Voltage: AC 750 V Min.
12. Compliant Section:
  - Insertion Force: 100 N per contact Max.
  - Withdrawal Force: 20 N per contact Min.
13. Mating Force: .75 N per pin Max.
14. Withdrawal Force: .15 N per pin Max.
15. PCB Hole Size Requirements:
  - Drilled Hole Diameter: 0.7 ± 0.02mm
  - Finished Hole Diameter: 0.6 ± 0.05mm
16. Recommended PCB Thickness: 1.6mm Min.
17. IEC 61076-4-101 Standard



## BOARD LAYOUT

### PART NUMBERING



**SERIES CODE**  
2mm Hard Metric Female

**TYPE**  
E25

**MOUNTING PEG**  
1= Without Peg  
Blank = With Peg

**UPPER SHIELD**  
0 = Without Upper Shield  
1 = With Upper Shield

**CONTACT LOADING**  
1 = A, B, C, D, E, F, G, H

