

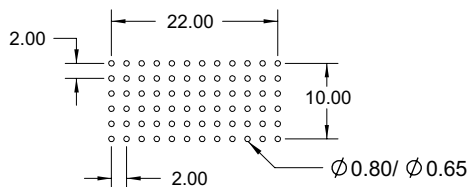
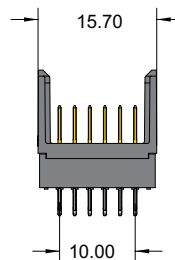
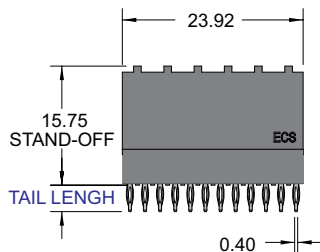
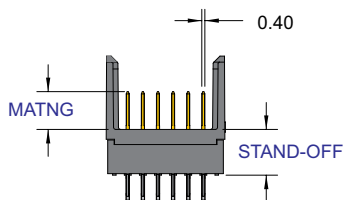
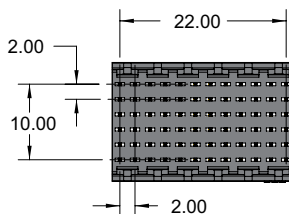
# 2mm HDM High Speed, Male Connector



## 72 Contacts, Vertical Open End Option, Stand-Off

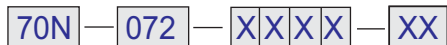
### SPECIFICATION

- Housing: liquid crystal polymer (LCP), glass-filled polymer, UL 94V-O, color black
- Contact: Copper alloy
- Plating: Contact Area: Gold over Nickel  
Tail Area: Gold or Matte Tin over Nickel
- Operating Temperature: -55 to 105°C
- Operating Voltage, Sea Level: 1000 volts rms at 60 hertz
- Current: 1.0A per contact at 70° C (fully loaded).
- Contact Insertion Force: 1.6 OZ. [0.45 N] typical per contact
- Contact Withdrawal Force: 0.54 OZ. [0.15 N] min. per contact
- Insulation Resistance: 1000 Megohms min.
- Dielectric Withstanding Voltage. 1000V
- Recommended Holes Size: Ø1.20 recommended pad  
Ø0.80-Ø0.65 plated thru hole  
Ø0.838 drilled hole



PCB LAYOUT

## PART NUMBERING



### STAND-OFF

- 1 = 06.05
- 2 = 10.05
- 3 = 15.05

### MATING

- 1 = 5.0
- 2 = 5.5
- 3 = 6.0

### TAIL TYPE

- 1 = SOLDER
- 2 = PRESS FIT

### PLATING

50µ" Nickel Underplate

Mating Area	Tail
03 = Flash Au	Flash Au
05 = Flash Au	100µ" Tin
20 = 15µ" Gold	100µ" Tin
30 = 30µ" Gold	100µ" Tin
60 = 30µ" Gold	Flash Au

### TAIL LENGTH

- 1 = 2.0 solder
- 2 = 2.5 solder
- 3 = 3.0 solder
- 4 = 3.5 solder or press-fit

