

**INTRODUCTION:**

Adam Tech's MTD Series .100" & .156" Housings with IDC contacts are designed to quickly and easily mass terminate discrete wires or pre-notched flat cable. Our stamped contacts are designed to feature a precision, gas tight IDC connection at the wire end and a high pressure, smooth wiping action connection on the mating connector end. Both are available with optional cover in feed through or closed end styles.

**FEATURES:**

Easily mass terminates discrete wire and pre-notched flat cable  
Housings have pre-inserted IDC contacts  
High performance Gas tight IDC connection  
Optional Feed through or Closed end cover

**SPECIFICATIONS:**

**Material:**

Insulator: Nylon 66, rated UL94V-2  
Insulator Color: Natural  
Contacts: Phosphor bronze and Brass

**Contact Plating:**

Tin over copper underplate overall

**Electrical:**

Operation voltage: 250V AC max.  
Current rating:  
.100" centers: 4. Amp max.  
.156" centers: 6 Amp max.  
Insulation resistance: 1000 MΩ min.  
Dielectric withstanding voltage: 1000V AC for 1 minute

**Mechanical:**

Mating force:  
.100" & .156" Center: 1.3 lbs max  
Unmating force:  
.100" Center: 0.5 lbs min  
.156" Center: 1.3 lbs min  
.100" Centers: Wire size: 28 Awg to 22 Awg  
.156" Centers: Wire size: 26 Awg to 18 Awg

**Temperature Rating:**

Operating temperature: -55°C to +85°C

**PACKAGING:**

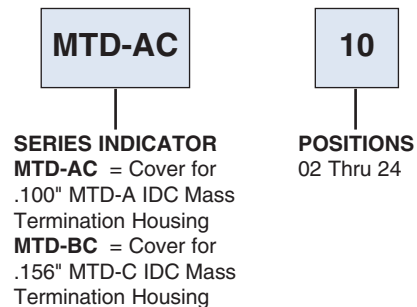
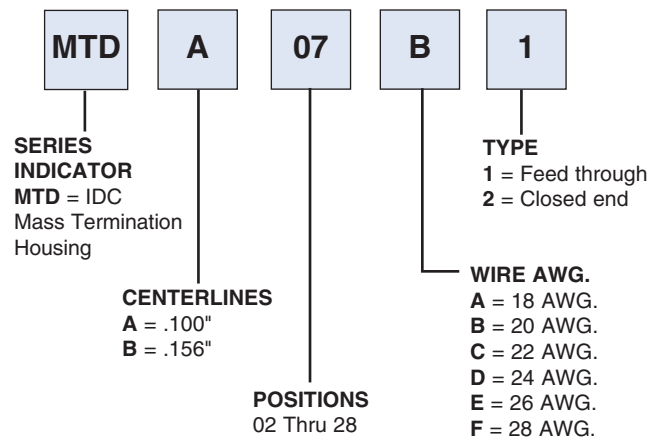
Anti-ESD plastic bags

**APPROVALS AND CERTIFICATIONS:**

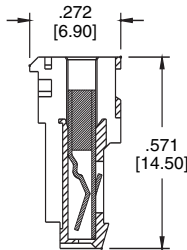
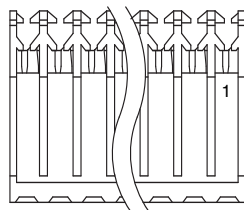
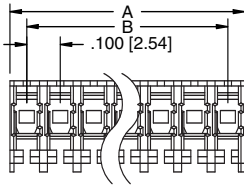
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CSA Certified File No. LR1578596



**ORDERING INFORMATION**



**MTD-A**  
.100" CENTERLINE



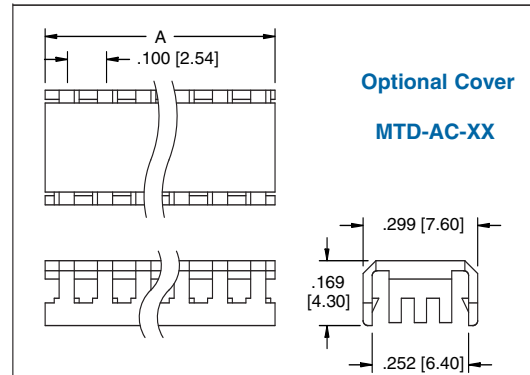
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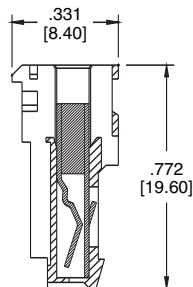
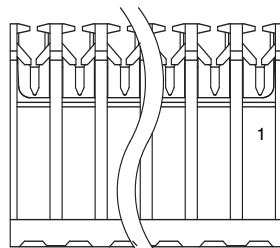
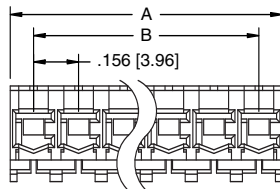
MTD-A-07-D-1

A = .100 [2.54] X No of Positions  
B = .100 [2.54] X No of Spaces

Available wire sizes: 22, 24, 26 & 28 AWG.



**MTD-B**  
.156" CENTERLINE



MTD-B-07-B-1



A = .156 [3.96] X No of Positions  
B = .156 [3.96] X No of Spaces

Available wire sizes: 18, 20, 22, & 24 AWG.

