# ADAM TECH

# HOUSING WITH IDC CONTACT

Adam Technologies, Inc.

# .100" & .156" CENTERLINE MTD SERIES

## **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 M $\Omega$  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

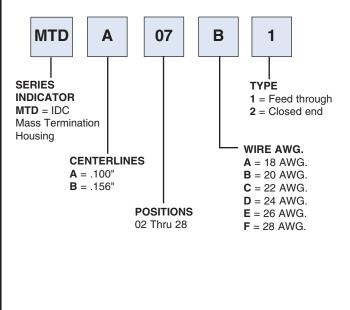
# APPROVALS AND CERTIFICATIONS:

UL Recognized File No. E224053 CSA Certified File No. LR1578596





# **ORDERING INFORMATION**







SERIES INDICATOR MTD-AC = Cover for .100" MTD-A IDC Mass Termination Housing MTD-BC = Cover for .156" MTD-C IDC Mass Termination Housing POSITIONS 02 Thru 24