

### INTRODUCTION:

Adam Tech DIN and Mini Din Plugs are available in male or female configurations. They are precision designed in construction to make wiring and assembly simple. Each version is manufactured with a steel, nickel-plated inner shell and a high impact plastic housing with a flexible strain relief. Our internal design allows male or female types to be interchangeable between positions by just changing the contact pad. Their versatility and "snap together" design make this series a popular choice.

### FEATURES:

- Interchangeable contact inserts
- Snap together design speeds assembly
- Molding version available
- Versatile power/signal capability
- Choice of male or female configuration

### MATING OPTIONS

Mates with Adam Tech DJ and MDJ Series, DIN and Mini DIN Jacks

### SPECIFICATIONS:

#### Material:

Inner Shell: Steel, nickel plated

Outer Shell: Polyvinyl Chloride (PVC), Black

Contact Insulator: Polybutylene Terephthalate (PBT), glass reinforced thermoplastic, rated UL 94V-0

Contacts: Phosphor Bronze

#### Plating:

50  $\mu$ m min silver to QQ-S-365 over 50  $\mu$ m min nickel underplate to QQ-N-290, Class 2, Grade C

#### Electrical:

Operation voltage: DP / DS Series - 100 VAC

MDP / MDS Series - 30 VDC

Current Rating: DP / DS Series - 2 Amps max

MDP / MDS Series - 1 Amp max

Contact resistance: 20 m $\Omega$  max

Insulation resistance: 500 M $\Omega$  min @ 500 VDC between adjacent contacts (75°F and 50% R.H.)

Dielectric withstanding voltage: 250 VDC min rms (sea level)

#### Mechanical:

Insertion force: 1.8 lbs. per contact max

Withdrawal force: .22 lbs. per contact min

Recommended Wire Size: 22 AWG (DP / DS Series)

Mating Durability: 500 cycles min

#### Environmental:

Operating temperature: -65°C to +125°C

### PACKAGING:

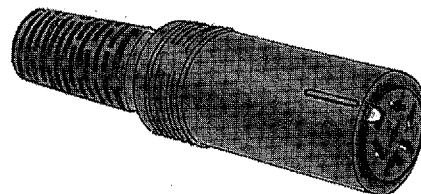
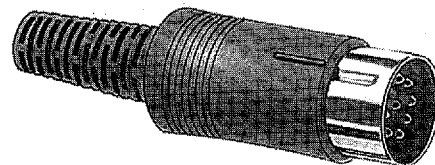
Anti-static plastic bags

### APPROVALS AND CERTIFICATIONS:

Recognized under the component program of Underwriters Laboratories, Inc. No. E167232

Certified by Canadian Standards Association No. LR75112

Verband Deutscher Elektrotechniker (VDE) APL42393



### ORDERING INFORMATION

MDP

008

#### SERIES INDICATOR

DP = Male DIN Plug

DS = Female DIN Plug

MDP = Male Mini DIN Plug

MDS = Female Mini DIN Plug

#### NO. OF POSITIONS

003 thru 008

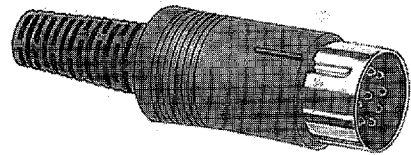
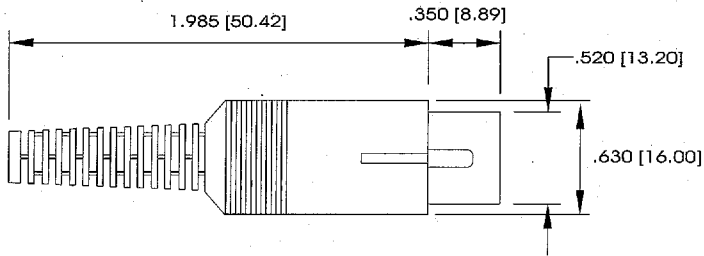
### OPTIONS:

Add as suffix to basic part number

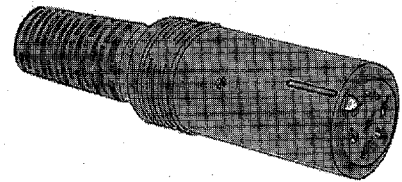
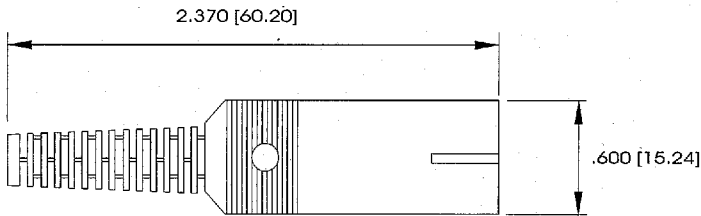
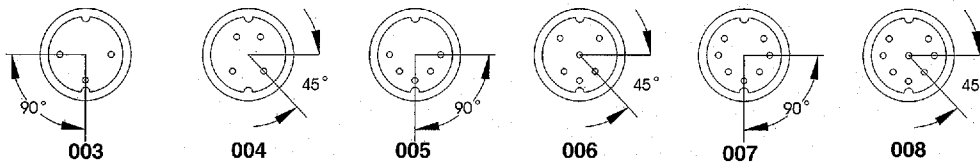
G = Gold plated contacts

M = Single piece barrel and contact pad without plastic shell for molding applications

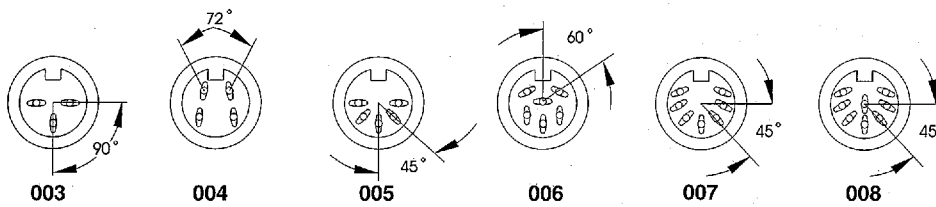
### DIN PLUGS



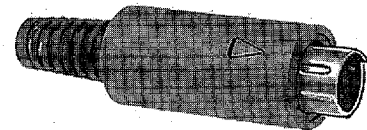
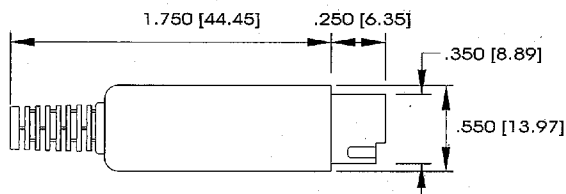
DP



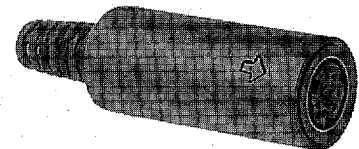
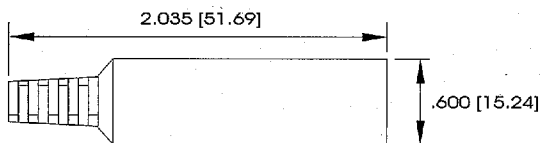
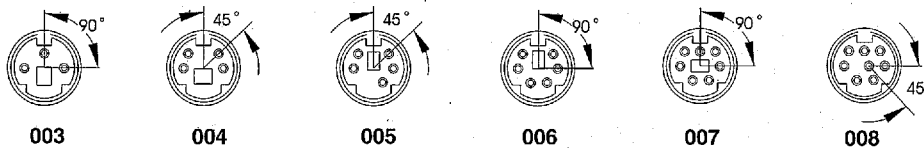
DS



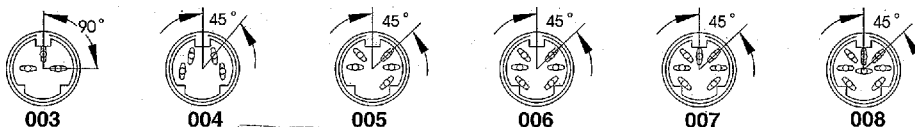
### MINI DIN PLUGS



MDP



MDS



9017931 0000156 282