

## INTRODUCTION:

Adam Tech MTP series Modular Plugs are manufactured to terminate flat oval or round cord to REA and Cat. 5 EIA/TIA specifications. Our double strain relief design, molded in polycarbonate, is manufactured with contacts pre-loaded in a variety of sizes and options including shielding and specific contacts for flat or round cable. Adam Tech is a major supplier of telephone line cords to the telecommunications industry.

## FEATURES:

- Preassembled Contacts
- REA Compliant Terminations
- Cat. 5 and 5E available
- Contacts for Flat or Round wire
- Short or Long body choices
- Shielded versions

## MATING TELEPHONE JACKS:

Adam Tech modular jack series and all industry standard telephone Jacks.

## SPECIFICATIONS:

### Material:

Insulator: Polycarbonate, rated UL94V-0  
Insulator Color: Clear, (Blue optional)  
Contacts: Phosphor Bronze

### Contact Plating:

Gold over nickel underplate.

### Electrical:

Operating voltage: 150V AC max.  
Current rating: 1.5 Amps max.  
Contact resistance: 20 mΩ max. initial  
Insulation resistance: 500 MΩ min.  
Dielectric withstanding voltage: 1000V AC for 1 minute

### Mechanical:

Cable to plug tensile strength: 7.71 Kgs (17 lbs) min.  
Durability: 250 Cycles min.  
Wire range: 26 to 28 Awg

### Temperature Rating:

Operating temperature: -40°C to +70°C

## PACKAGING:

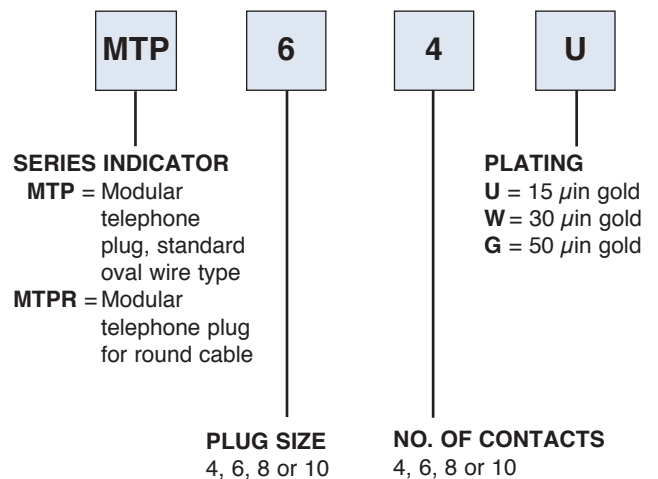
Anti-ESD plastic bags

## SAFETY AGENCY APPROVALS:

UL Recognized & CSA Certified, File no. E224049



## ORDERING INFORMATION



## OPTIONS:

Add designator(s) to end of part number

**K** = Molded in key (Plug size 8 & 10 only)

**S** = Solid wire contacts

**EMI** = Metal shielded type (Plug size 8 or 10 only)

**OL** = Offset Latch (Plug size 6 only)

**BU** = Clear Blue insulator color

## Contact Options



Standard Stranded Wire Contact

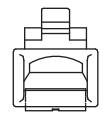


Optional Solid Wire Contact

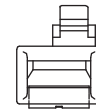
## Plug Options



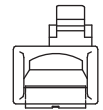
MTP Series Oval Wire Opening



MTPR Series Round Wire Opening



MTP Series Offset Latch Option

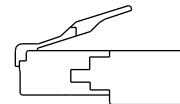


MTPR Series Offset Latch Option

## Plug with Metal EMI Shield Option



MTP-88-G-EMI



**MTP-44**  
**4P4C PLUG**

Dimensions: .022 [0.56], .525 [13.34], .260 [6.60], .197 [5.0], .10 [2.52], .300 [7.62]

**MTP-44-G**

**MTP-66**  
**6P6C PLUG**

Dimensions: .022 [0.56], .525 [13.34], .260 [6.60], .240 [6.10], .128 [3.25], .380 [9.65]

**MTP-66-G**  
**MTP-64-G**

**MTP-88**  
**8P8C PLUG**

Dimensions: .022 [0.56], .845 [21.46], .312 [7.92], .240 [6.10], .128 [3.25], .460 [11.68]

**MTP-88-G**

**MTP-1010**  
**10P10C PLUG**

**MTP-1010-G**

Dimensions: .460 [11.68]