

ADAM TECH

MODULAR TELEPHONE PLUGS

MTP SERIES

Adam Technologies, Inc.

INTRODUCTION:

Adam Tech MTP series Modular Telephone Plugs are manufactured to terminate flat oval or round telephone 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 telephone 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 Flash (optional 15 or 30 μin) over nickel underplate.

Electrical:

- Operating voltage: 150V AC max.
- Current rating: 1.5 Amps max.
- Contact resistance: 20 $\text{m}\Omega$ max. initial
- Insulation resistance: 500 $\text{M}\Omega$ 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 $+70^{\circ}\text{C}$

PACKAGING:

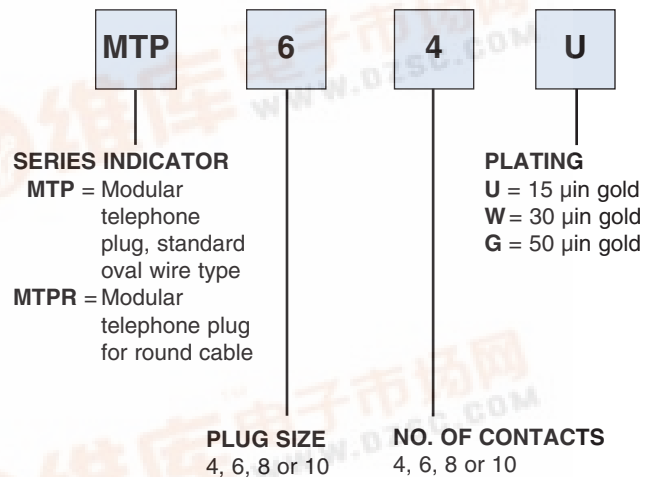
Anti-ESD plastic bags

SAFETY AGENCY APPROVALS:

UL Recognized 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



**MTP-44
4P4C PLUG**

MTP-44-G

**MTP-66
6P6C PLUG**

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

**MTP-88
8P8C PLUG**

MTP-88-G

Contact Options

Standard Stranded Wire Contact **Optional Solid Wire Contact**

Plug Options

MTP Oval Wire Opening **MTPR Round Wire Opening**

MTP with Offset Latch Option **MTPR with Offset Latch Option**

Plug with Metal EMI Shield Option

MTP-88-G-EMI

**MTP-1010
10P10C
PLUG**

MTP-1010-G