MODULAR TELEPHONE PLUGS

MTP SERIES

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 of 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
Contacts: Phosphor Bronze

Contact Plating:

50 µin Gold (optional 15 or 30 µin) 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 File No. E224053

ORDERING INFORMATION

MTP	6	4	U

SERIES INDICATOR
MTP = Modular telephone plug, standard oval wire type
MTPR = Modular telephone plug for round cable

PLUG SIZE
4, 6, 8 or 10

NO. OF CONTACTS
4, 6, 8 or 10

PLATING
U = 15 µin gold
W = 30 µin gold
G = 50 µin gold

Pb-free

RoHS COMPLIANT

OPTIONS:
Add designator(s) to end of part number
K = Molded in key (Plug size 8 or 10 only)
S = Solid wire contacts
EMI = Metal shielded type (Plug size 8 or 10 only)
OL = Offset Latch (Plug size 6 only)

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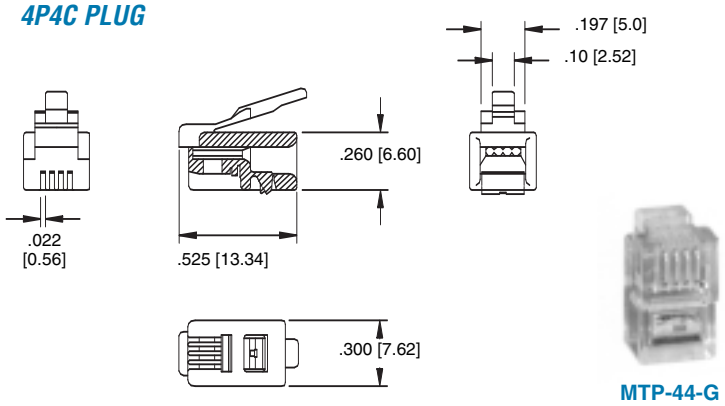
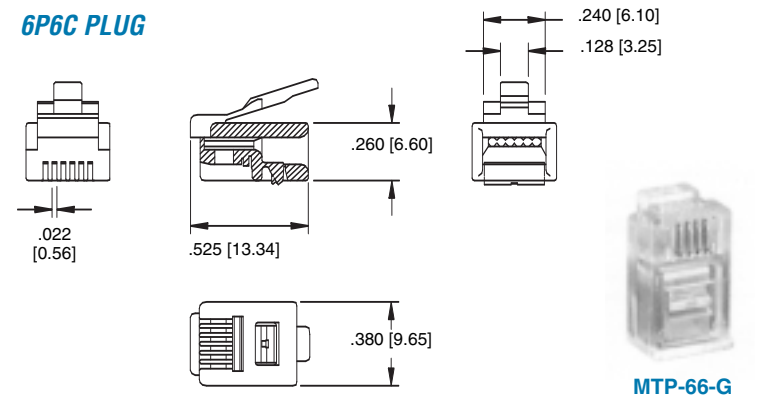
4P4C PLUG



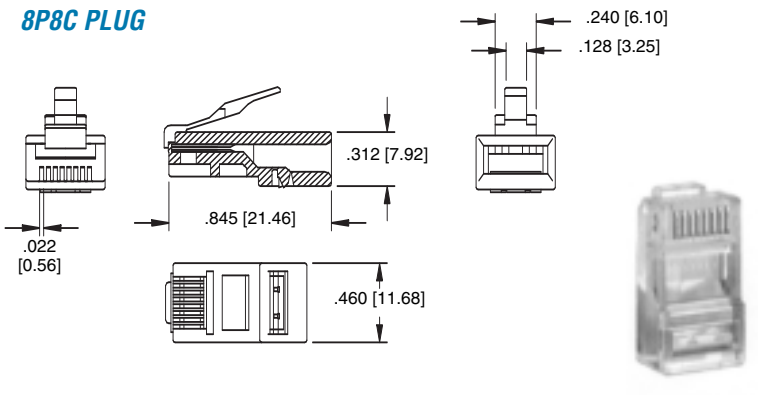
MTP-44-G

6P6C PLUG



MTP-66-G
MTP-64-G

8P8C PLUG



MTP-88-G

Contact Options

Stranded Wire Contact

Solid Wire Contact

Cable Options

Flat Oval Cable

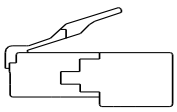
Round Cable

Flat Oval Cable Offset Latch

Round Cable Offset Latch

Plug with Metal EMI Shield Option

MTP-88-G-EMI



10P10C PLUG

MTP-1010-G