



AUDIO
TECHNOLOGIES®

1/4" PHONE PLUGS

TCH SERIES - TS & TRS - RIGHT ANGLE

Io Audio Technologies' TCH Series 1/4" plugs are designed to have a sleek and fresh appearance while providing some upgrades in mechanics. Available in this series are two and three pole, straight and right-angled 1/4" plugs for audio and control applications.



IO-T3MCH-R

SPECIFICATIONS

PRODUCT

Gender: **Male**

Contacts: **3**

ELECTRICAL

Capacitance Between Contacts: **< 8.2 pF**

Capacitance Between Contact and Ground: **< 6.5 pF**

Contact Resistance: **Depends on Mating Connector**

Insulation Resistance: **≥ 100 MΩ**

Dielectric Strength: **500 V AC @ 60 s**

Rated Voltage: **< 100 V DC**

Rated Current per Contact: **Depends on Mating Connector**

ENVIRONMENTAL

Standard Compliance: **IEC 60603-11 / EIA RS-453**

Temperature Range: **-40°C ~ +70° C (-40°F ~ +158°F)**

MECHANICAL

Lifetime: **> 1000 Mating Cycles**

Cable O.D.: **5.0 - 7.5mm**

Wiresize (T3MCH-R): **1.20mm Max**

Solderability: **Complies with IEC 60068-2-20**

MATERIAL

Plug: **Brass**

Plug Plating: **Gold**

Contacts: **Brass**

Contact Plating: **Tin**

Strain Relief: **Brass**

Strain Relief Finish: **Tin**

Shell: **Zinc Alloy**

Shell Plating: **Nickel Tin**

Plastic Tube: **PP**

Bushing: **PVC**

Bushing Color: **Black**

Product specifications may change without prior notification

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PART NUMBER BREAKDOWN

IO-**I**3MCH-R
Series Identifier
IO-T**3**MCH-R
Number of Poles
IO-T3**M**CH-R
Gender
IO-T3M**C**H-R
Body Identifier
IO-T3MCH-**R**
Right Angle Plug

STANDARDS & CLASSIFICATIONS



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