

# TX6™ PLUS 28 AWG UTP Modular Plug

**PANDUIT®**  
SPECIFICATION SHEET

## SPECIFICATIONS

Category D/Class E, 8-position, 8-wire, UTP modular plug shall terminate most 4-pair, 28 AWG, 100 ohms, solid or stranded, unshielded twisted pair cable with maximum conductor insulation diameter of 0.027 inch (0.69mm). The pair manager shall simplify termination and shall provide strain relief for small diameter, 28 AWG cable. Modular plug shall terminate to T568A and T568B wiring schemes.



## TECHNICAL INFORMATION

<b>ANSI/TIA and ISO compliance:</b>	Meets TIA/EIA Category 6 and ISO Class E performance requirements for NEXT and RL when properly terminated to category compliant cable
<b>IEC compliance:</b>	IEC 60603-7
<b>c(UL) listed:</b>	UL 1863, CSA Standard C22.2
<b>Conductor termination:</b>	Compatible with most 28 AWG solid or stranded cable cables with 0.138 in. - 0.189 in. (3.50mm - 4.80mm) outer jacket diameter and 0.027 in. (0.69mm) maximum conductor insulation diameter
<b>RoHS compliance:</b>	Compliant
<b>Plug housing:</b>	UL94V-0 rated clear Polycarbonate
<b>Cable manager:</b>	UL94V-0 rated clear, tinted Polycarbonate
<b>Contacts:</b>	Gold plated phosphor bronze
<b>Operating temperature:</b>	14°F to 140°F (-15°C to 60°C)
<b>Storage temperature:</b>	-40°F to 158°F (-40°C to 70°C)

## KEY FEATURES AND BENEFITS

<b>Patented tangle-free latch:</b>	Prevents snags and provides easy release, saving time and providing reliability on frequent moves, adds, and changes
<b>Robust construction:</b>	Rated to 2500 mating cycles

## APPLICATIONS

Category 6 plugs allow customers to meet performance requirements in ISO 11801 Class E, IEEE 802.3an-2006 and ANSI/TIA-568-C.2 Category 6 Standards to support transmission at speeds up to and including 1000BASE-T. These plugs can be used in applications such as high-performance workstations, 155 Mb/s ATM, 622 Mb/s ATM, 1.2 Gb/s ATM, Token Ring 4/16, digital video and broadband/baseband analog video, and Voice over IP.

## TX6 PLUS 28 AWG UTP Modular Plug

**TG-Style module (100 pieces):** SP628-C

### Tools and Accessories

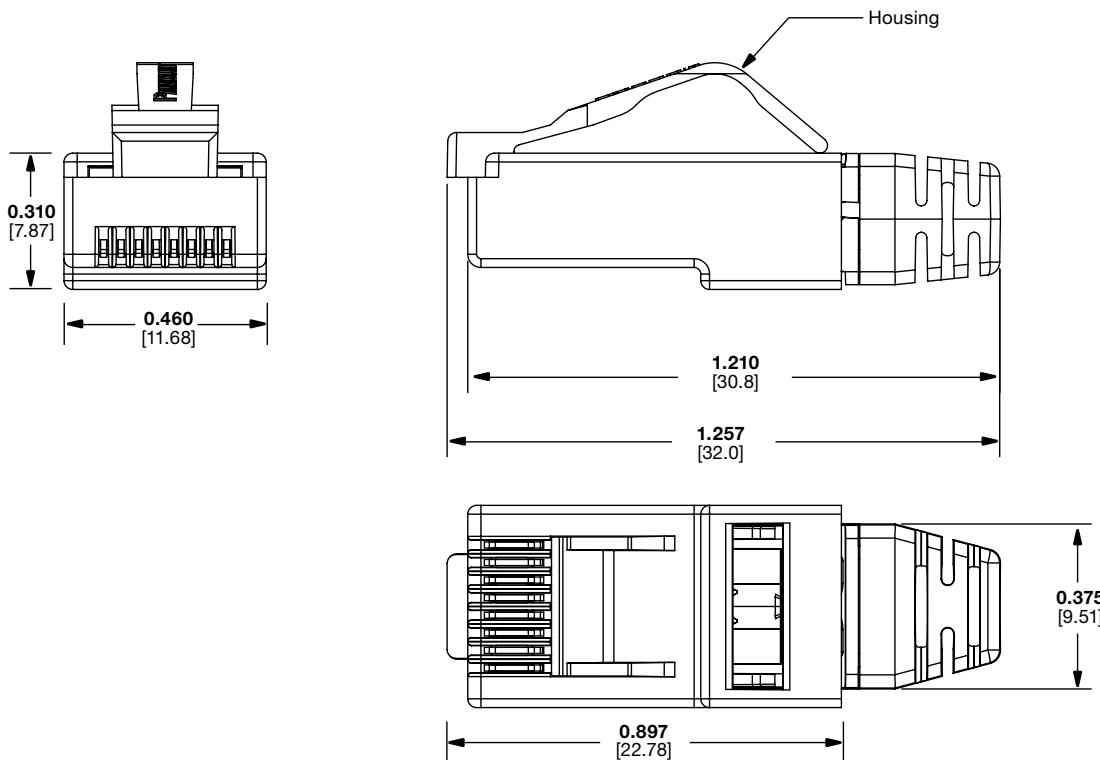
<b>Small gauge plug assembly tool:</b>	SGPT
<b>Crimp tool:</b>	MPT5-8AS
<b>RJ45 plug lock-in device (standard):</b>	PSL-DCPLE**+
<b>RJ45 plug lock-in device (recessed):</b>	PSL-DCPLRE**+

\*\*Colors other than Red: -BL (Black), -BU (Blue), -GR (Green), -YL (Yellow), -OR (Orange), IW (International White), or -IG (International Gray)

+Add -X for packages of 10 or -C for packages of 100 packages of 100.

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## ENGINEERING DRAWINGS



Dimensions are in inches. [Dimensions in brackets are metric].

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