

## Category 6 SPEEDY RJ45 Plugs



**PXSPDY6e**

### **Category 6 SPEEDY RJ45 Plugs, unshielded (PXSPDY6e)**

Our **SPEEDY RJ45** plugs are designed to simplify twisted pair terminations by allowing the wire pairs to be easily inserted through the plug and out of the front. This allows the installer to easily check the wiring order before crimping the connector. Twist is maintained more easily enabling a better performing crimp. Waste is minimised and the plugs are suitable for either stranded or solid wires.

#### **Features**

- Allows Category 6 twisted pair wires to be inserted through the body and pulled out of the front to ensure the correct wiring order before crimping
- By pulling the cores into the plug, twists can easily be maintained up to the contacts, enabling fully rated category performance
- Contact blades are suitable for stranded or solid wire cores from 22-26 AWG (0.65 – 0.40mm), with insulation up to  $0.98 \pm 0.04\text{mm}$  O.D
- Perfect solution for rapid termination
- Suitable for termination of solid or stranded UTP cables with sheath O.D. of 5.0 – 6.5mm
- Faults and failures minimised
- Simple one-piece design
- Less cable scrap and wastage
- **N.B. Must be used with suitable crimp tool i.e. TRCSPDY, TRCSPDY2, TRCSPDY3 TRCSPDY4, TRCSPDY5**



- Designed for use with transparent polycarbonate flush strain relief boots (PSPDY6) and coloured PVC flush strain relief boots (PS6)  
<https://tuk.co.uk/product/transparent-flush-strain-relief-boots/>  
<https://tuk.co.uk/product/flush-strain-relief-boots-2/>

## Specifications

- Materials:
  - Housing: Polycarbonate UL94-V0
  - Contact pin: 50"µ/1.27 µm gold plating over nickel over phosphor bronze
- Electrical:
  - Contact resistance: 30milliΩ max.
  - Insulation resistance: DC 300V, 100 MegaΩ min.
  - Dielectric withstanding voltage: 300V AC for one minute
- Mechanical:
  - Working temperature: -25-55°C
  - Durability: 1000 mating cycles min.
  - Tensile strength between plug and jack is higher than 7.7kgf

## Packaging:

Supplied in polybags of 10 then 100 then 500. Also available in bulk – in poly bag of 200 or in handy transparent screw top pot of 100

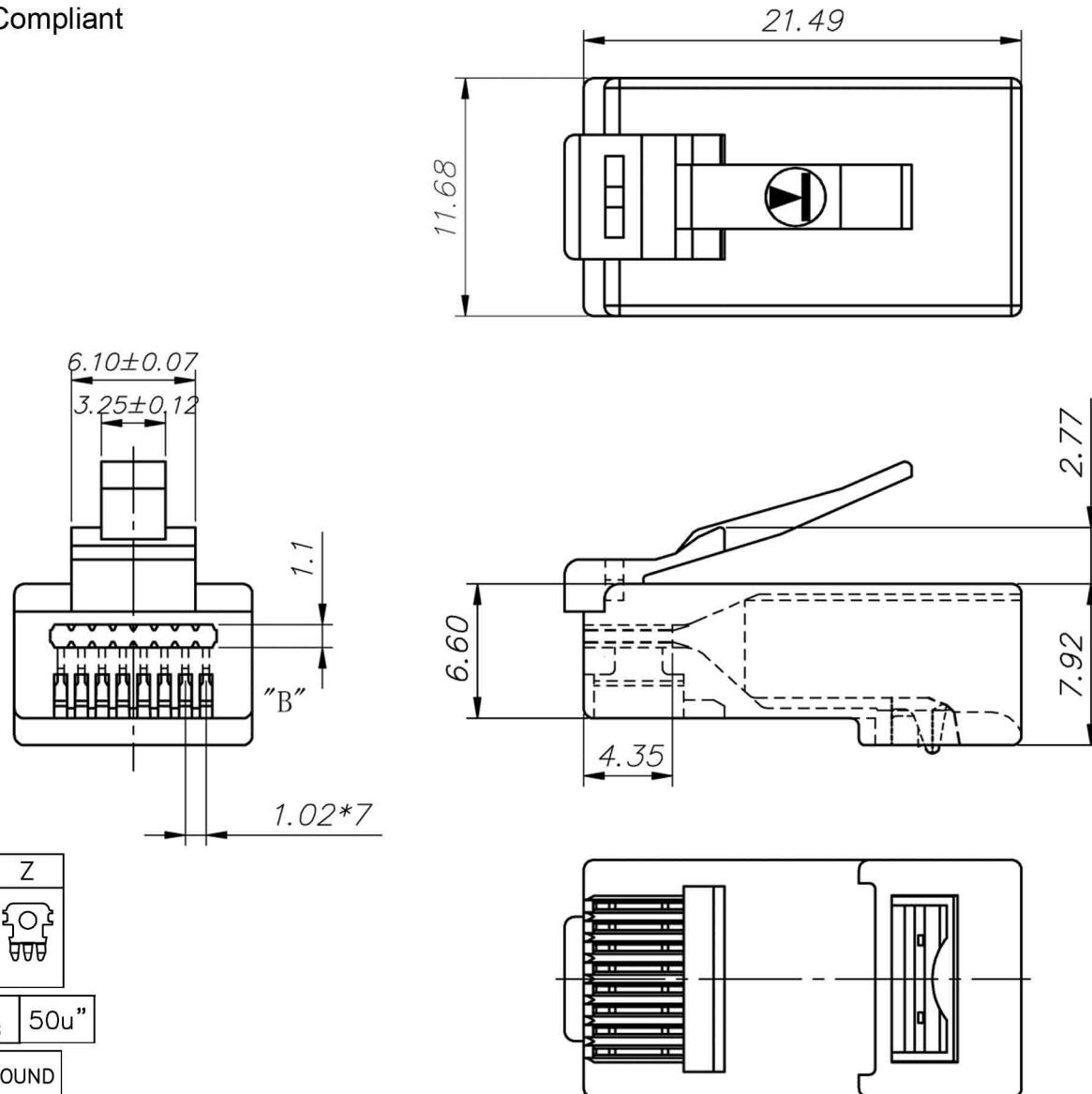
Item code	Qty	EAN
PXSPDY6e#10	10	5055386513731
PXSPDY6e#100	100	5055386513748
PXSPDY6e#200	200	5055386513762
PXSPDY6e#500	500	5055386513755
PXSPDY6ep#100 (supplied in a transparent screw top pot)	100	5055386513762

**Commodity Code:** 85444920

**Country of Origin:** China



ROHS Compliant

**Code: PXSPDY6e**

**SPECIFICATIONS**

- ELECTRICAL:**
  - UL APPLICATIONS: 250 VOLTS AC MAX. AT 2 AMPS.
  - DIELECTRIC WITHSTANDING VOLTAGE : 1000 VOLTS AC. 60 SEC.
  - INSULATION RESISTANCE: 500 MΩ.
  - CONTACT RESISTANCE: 20mΩ MAX.
  - OPERATING AMBIENT TEMPERATURE: -40°C ~ 70°C.
- MECHANICAL:**
  - STRAIN RELIEF: 20POUND MIN.
  - DURABILITY: 1200 MATING CYCLES.
- MATERIAL:**
  - HOUSING: POLYCARBONATE, UL94V-0
  - COLOR: TRANSPARENT
  - CONTACT BLADE: COPPER ALLOY.
  - GOLD PLATING: 50u"/1.27 μm
- USAGE:**
  - SUITABLE FOR STRANDED & SOLID WIRE 24AWG ~ 26 AWG.
  - (It can be used for the wire OD from Ø 0.96 ~ Ø1.02)