

# KEYSTONE JACKS (RJ45 8P8C)

## ELECTRICAL CHARACTERISTICS:

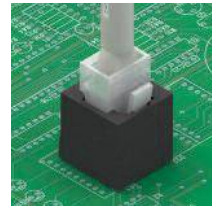
- Operating Voltage:** 125 VAC max.
- Current Rating:** 1.5 Amp max.
- Contact Resistance:** 35mΩ max.
- Insulation Resistance:** 1,000 MΩ min
- Dielectric Withstanding Voltage:** 1,000 VAC for 1 minute

## MECHANICAL CHARACTERISTICS:

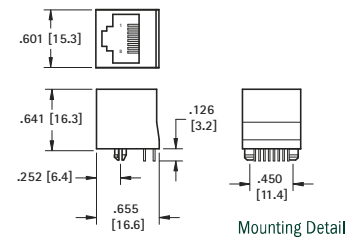
- Durability:** 500 Cycles
- Operating Temperature:** -40°F to 185°F (-40°C to 85°C)
- Packaging:** Anti-ESD plastic trays

## APPLICATIONS:

- Network Equipment
- Modem
- Hub
- Switch
- Router
- Gateway
- Repeater
- Bridge
- PC motherboard
- Laptops & Notebooks



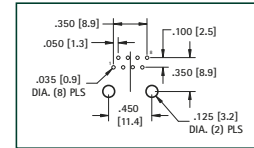
## VERTICAL ENTRY



- Allows connector to board perpendicular to PC board.

## SOCKET SPECIFICATIONS:

- Body:** BPT UL 94V-0- Black
- Contacts:** Phosphor Bronze, Gold Plate (Flash)
- Solder Tails:** Phosphor Bronze, Tin Plate



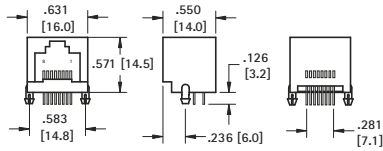
**CAT. NO. 949**

## HORIZONTAL ENTRY

### THM-COMPACT



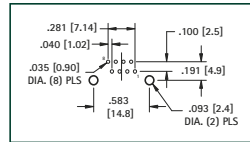
- Small PC footprint ideal for high density applications.



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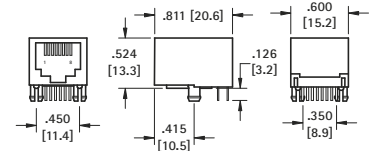
**CAT. NO. 942**



### THM-EXTENDED



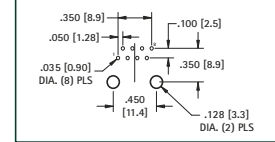
- Extra long connector extends past PC board for access to port thru case.



## SOCKET SPECIFICATIONS

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- Solder Tails:** Phosphor Bronze, Tin Plate

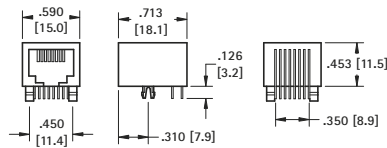
**CAT. NO. 948**



### THM-LOW PROFILE



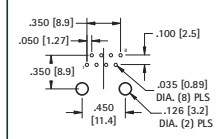
- Low Height ideal for compact designs.



## SOCKET SPECIFICATIONS:

- Body:** BPT UL 94V-0- Black
- Contacts:** Phosphor Bronze, Gold Plate (Flash)
- Solder Tails:** Phosphor Bronze, Tin Plate

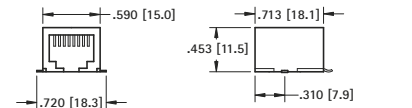
**CAT. NO. 943**



### SMT-LOW PROFILE



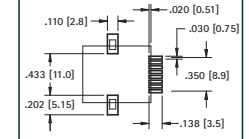
- Low Height ideal for compact designs.



## SOCKET SPECIFICATIONS:

- Body:** BPT UL 94V-0- Black
- Contacts:** Phosphor Bronze, Gold Plate (Flash)
- Solder Tails:** Phosphor Bronze, Nickel Plate

**CAT. NO. 944**



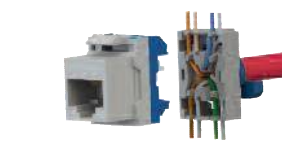
## PANEL MOUNT



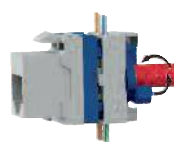
Front

Back

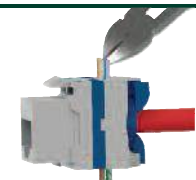
- Color Coded for easy assembly.
- Toolless punch down design.



- Strip approximately 1.5" of the cable jacket. Fold back shield/ground.
- Attach wires to cover following the color coding markings.\*



- Align cover to module. Be sure to align polarity tab.

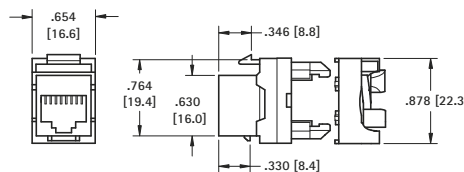


- Twist locking mechanism to punch down the wires and lock the cover onto the module.
- Trim extra wire from housing. Ready to be installed into panel

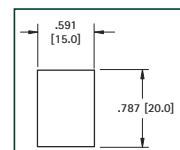
## SOCKET SPECIFICATIONS:

- Body:** PC UL 94V-0
- Contacts:** Phosphor Bronze, Gold Plate (Flash)
- IDC Contacts:** Phosphor Bronze, Nickel Plate
- Accepts 24-26 AWG wire

**CAT. NO. 946**



Panel Cutout



\*Color coding for both T568A/T568B wiring schemes. Both ends of cable should match unless creating a crossover cable.