

Xcelerator Category 6 Jack

Features

- Third Party Verified Category 6 Component Compliant
- Exclusive 1-Punch Termination Reduces Termination Time by 75%
- Mating Cycles Exceed Industry Standard by Four Times

Ordering Information

| Description                                                    | Color | Catalog No. | UPC          |
|----------------------------------------------------------------|-------|-------------|--------------|
| NEXTSPEED Xcelerator<br>Category 6 Component Jack,<br>25 Jacks | Green | HXJ6GN25    | 662620825434 |

Listings

ANSI/TIA/EIA-568-C.2 Category 6 component  
ISO 11801/60603-7-41 Category 6 component  
Mechanical: Verified to TIA-568-C.2  
UL Listed 1863  
Mechanical TIA-568-C.2  
CSA Certified  
RoHS Compliant

Specifications

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Nose Contact | Beryllium copper with precious metal plating over nickel under plating               |
| IDC Contact  | Phosphor bronze with 100 micro-inch tin lead 60/40 plating over nickel under plating |
| Housing      | High impact thermoplastic (UL 94 V-0)                                                |
| Stuffer Cap  | Lexan® (UL 94 V-0)                                                                   |

Performance

Electrical

Center balanced to Category 6 plug specifications  
Positive PSACR beyond 300 MHz (channel)  
4+Gbs capacity within the bandwidth of 1-250MHz (channel)  
Qualified to 150% of 802.3bt PoE Current Level

General Information

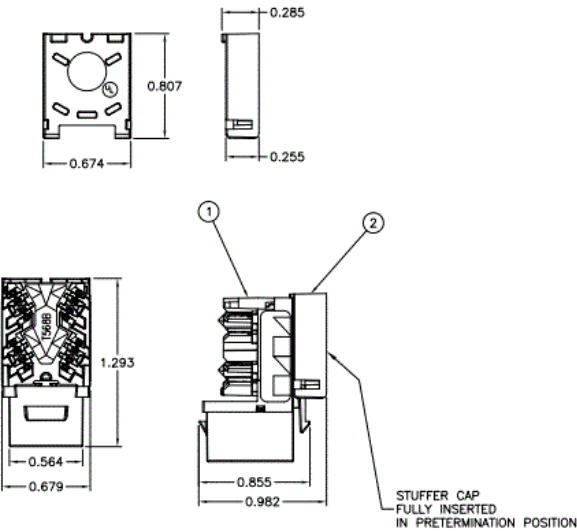
Backward compatible to lower installed Categories  
Icon Compatible Supporting 606-B requirements  
100% factory tested

Mechanical

Nose Contact Mating Cycles: 2000  
IDC Contact Termination: 10x  
Keystone Latching Force: 25 lbs.  
Contact performance confirmed over the full range of ISO/FCC compliant plug

Applications

IEEE 802.3ab 1000GBASE-T  
IEEE 802.3bt 4PPoE Power over Ethernet  
TIA TSB-155 10GbE Over 55 Meters



Accessories

|                       |         |
|-----------------------|---------|
| 1-Punch Tool          | TX4P    |
| Category 6 Patch Cord | HC6GN03 |
| Dust Cover            | HXJDC25 |
| Termination Puck      | HXTP25  |
| Category 6 Cable      | C6SPB   |

Online Resources

eCatalog