

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	UPC Number	Catalog No.
NEXTSPEED Xcelerator Category 6 Component Jack, 25 Jacks	Gold	662620837925	HXJ6GL25

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

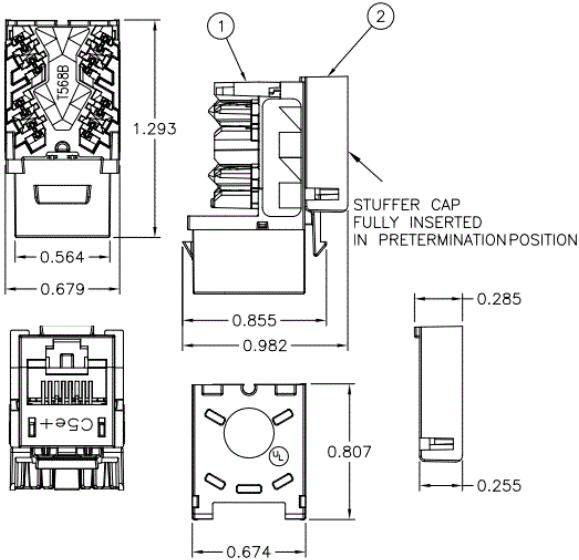
**Electrical**  
4+Gbs capacity within the bandwidth of 1-250MHz (channel)  
Center balanced to Category 6 plug specifications  
Positive PSACR beyond 300 MHz (channel)  
Qualified to 150% of 802.3bt PoE Current Level

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

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

Applications

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



Complementary Products

1-Punch Tool	TX4P
Category 6 Patch Cord	HC6W03
Dust Cover	HXJDC25
Termination Puck	HXTP25
Category 6 Cable	C6SPB

Online Resources

eCatalog