

Application

PROSE Cat5e/Cat6/Cat6A crystal plugs are designed for shielded and unshielded cabling system application. All plugs can be crimped with standard crimping tools. It can be applied to scenarios such as Ethernet connection, industrial network communication, intelligent building systems and data centers.

Profile



Unshielded, one-piece



Unshielded, two-piece



Shielded, one-piece



Shielded, two-piece



Shielded, binder clip, two-piece

Features/Benefits

- The connection is stable and reliable, which can ensure the stable transmission of electrical signals.
- Fast transmission speed, supporting high-speed network transmission.
- It has strong compatibility and adopts the standardized RJ-45 interface, which is compatible with common network devices.
- The installation is simple, convenient and fast, reducing the difficulty and cost of wiring.

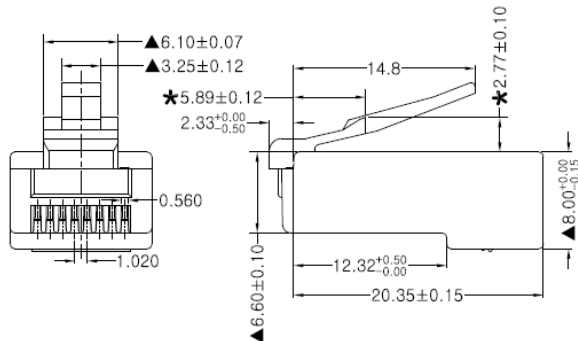
Comply and exceed TIA-568.2-D, ISO 11801 requirements.	
RoHS compliance	Compliant.
FCC and ANSI compliance	Meets ANSI/TIA-1096-A (formerly FCC part 68).
IEC compliance	IEC-60603-7.
PoE compliance	Supports PoE, PoE+ and proposed type 3 and 4 PoE++ applications for up to 100W.

Technical Performance

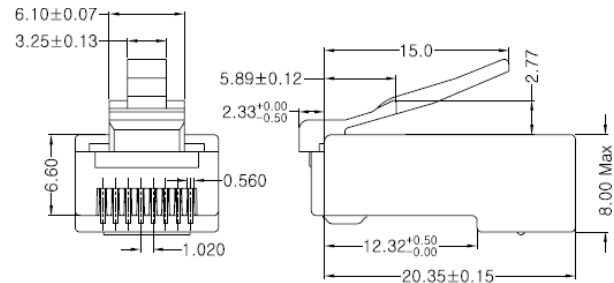
Plug Housing	UL94V-0 rated clear polycarbonate.
Contacts	Gold plated phosphor bronze.
Cable jacket diameter range	5.7mm-6.4mm
Conductor insulation diameter range	0.91mm-1.1mm
Operating temperature	-10℃-60℃
Storage temperature	-40℃-70℃

Dimension

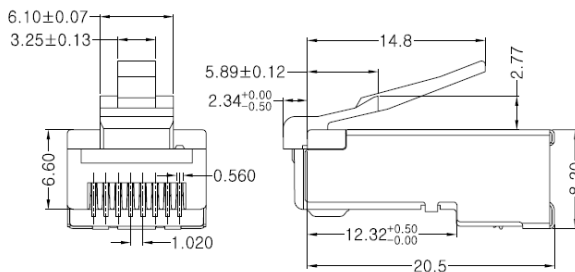
UTP One-piece



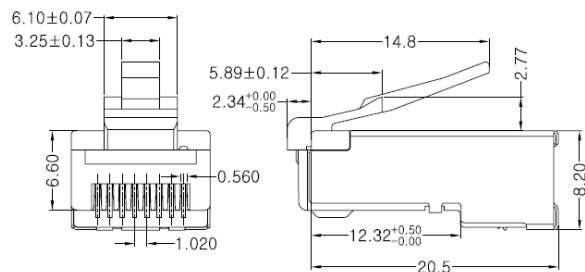
UTP Two-pieces



FTP One-piece



FTP Two-piece



Ordering Information

Order Number	Description
Cat5e Unshielded / Shielded	
PG5E-13	RJ45 Plug, Cat5e, Unshielded, One piece, single row, 50u"
PG5E-17	RJ45 Plug, Cat5e, Unshielded, One piece, single row, 15u"
PG5E-23	RJ45 Plug, Cat5e, Shielded, One piece, single row, 50u"
PG5E-27	RJ45 Plug, Cat5e, Shielded, One piece, single row, 15u"
Cat6 Unshielded	
PG60-11	RJ45 Plug, Cat6, Unshielded, One piece, double row 4 up 4 down, 50u"
PG60-12	RJ45 Plug, Cat6, Unshielded, Two-piece, double row 6 up 2 down, 50u"
PG60-15	RJ45 Plug, Cat6, Unshielded, One piece, double row 4 up 4 down, 15u"
PG60-16	RJ45 Plug, Cat6, Unshielded, Two-piece, double row 6 up 2 down, 15u"
Cat6 Shielded	
PG60-21	RJ45 Plug, Cat6, Shielded, One piece, double row 4 up 4 down, 50u"
PG60-20	RJ45 Plug, Cat6, Shielded, Two-piece, double row 4 up 4 down, 50u"
PG60-25	RJ45 Plug, Cat6, Shielded, One piece, double row 4 up 4 down, 15u"
PG60-29	RJ45 Plug, Cat6, Shielded, Two-piece, double row 4 up 4 down, 15u"
Cat6A Unshielded / Shielded	
PG6A-10	RJ45 Plug, Cat6A, Unshielded, Two-piece, double row 4 up 4 down, 50u"
PG6A-19	RJ45 Plug, Cat6A, Unshielded, Two-piece, double row 4 up 4 down, 15u"
PG6A-20	RJ45 Plug, Cat6A, Shielded, Two-piece, double row 4 up 4 down, 50u"
PG6A-29	RJ45 Plug, Cat6A, Shielded, Two-piece, double row 4 up 4 down, 15u"

Accessories-Boot cap

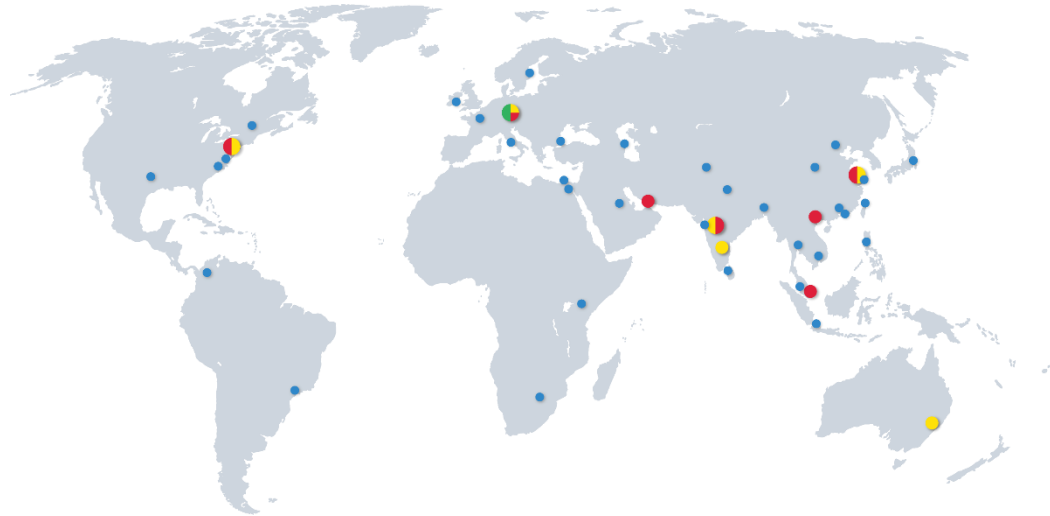


Boot cap, made of PVC material, is suitable for the outer sheath of 5.5mm-7.0mm cables. The sheath can be cut according to the actual size of the outer sheath of the cable. Blue, grey and transparent are available.

Ordering Information

Order Number	Description
Boot cap	
BC-PG-GY	Boot cap, for RJ45 Plug, Grey color
BC-PG-BL	Boot cap, for RJ45 Plug, Blue color
BC-PG-TP	Boot cap, for RJ45 Plug, transparent color

GLOBAL FOOTPRINT



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