

Specifications

Cat.5e RJ45 plug, 2 pairs
Qualified Screened Class D
ISO/IEC 11801 2.2 Edition
IEC 60603-7-3 2nd Edition
CENELEC EN 50173-1

Power over Ethernet

IEC 60512-99-002:2019
IEEE 802.3bt
PoE++ Type 4

Electrical

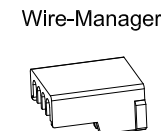
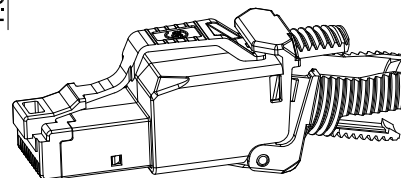
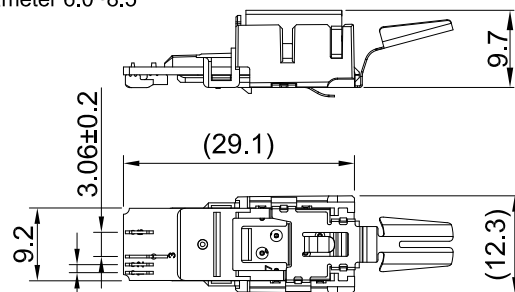
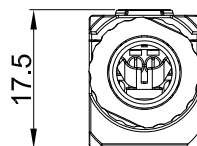
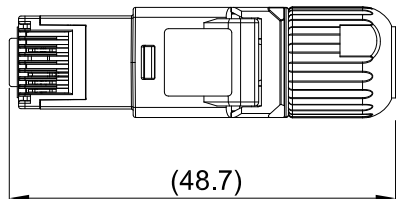
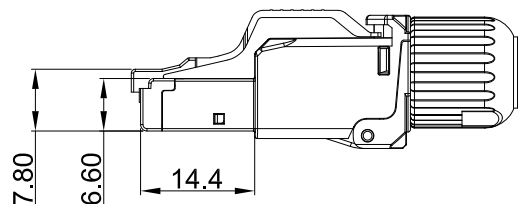
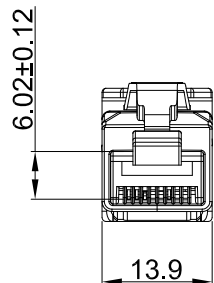
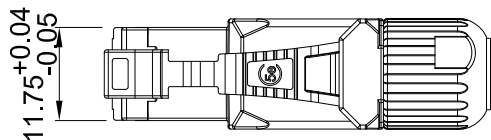
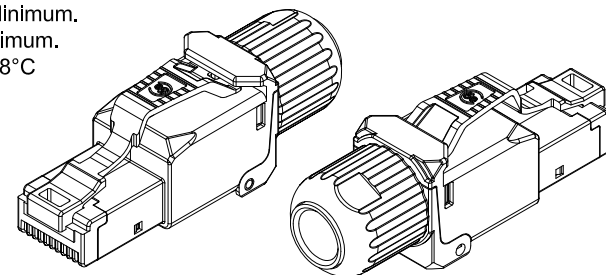
Insulation Resistance: 500 MOhms minimum
Contact Resistance: 20 mOhms maximum

Physicals

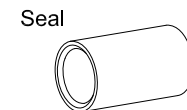
Housing: Diecasting Zinc alloy.
Contact Housing & IDC holder: Polycarbonate (PC), UL 94V-0.
Plug-Contact: Phosphor Bronze, Glod over Nickel Plating, T=0.35mm.
IDC-Contact: Phosphor Bronze, Sn over Nickel Plating, T=0.4mm.
Ground strip: Phosphor Bronze, Nickel Plating, T=0.2mm.
Nut: PBT.
Seal: OD 9.0*15.0L*1.0t NBR ShoreA 60°
Accept Cable: #26~22AWG Solid Wire. Outer diameter 6.0~8.5

Mechanical

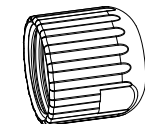
Plug Insertion Life: 750 Cycles Minimum.
Plug Retention Force: 20 lbs Minimum.
Operating Temperature: -40° to 68°C



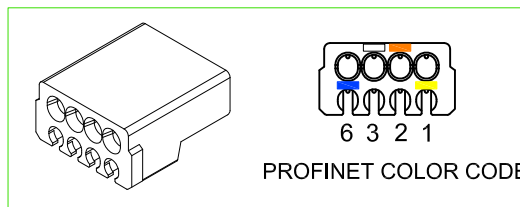
PCB Engine ASSY



Plug Cover



Nut



PROFINET COLOR CODE

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Title: RJ45 Plug field assembly PROFINET

Date	2024 / 07 / 12	Item no.	86017
Unit	mm	Barcode	4043619860173
Projection		File No.	
Rev	A		