Excel Cat8 Field Termination RJ45 Plug (6-Pack)

Part Code: 100-802-06

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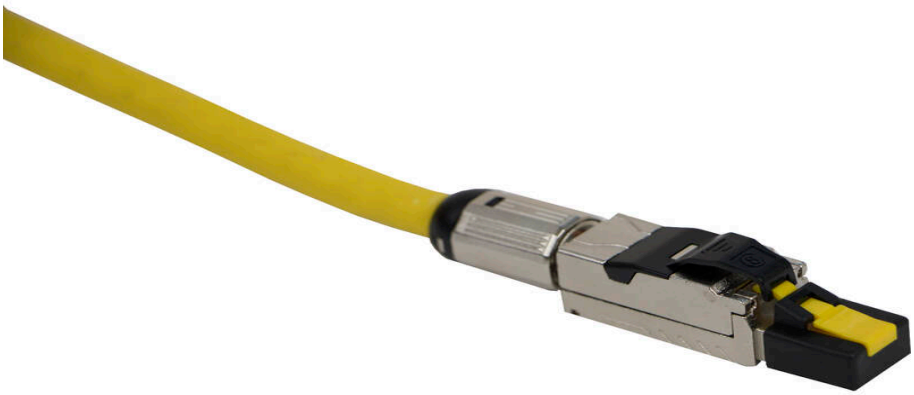

Main Features

- Fully screened Category 8
- Tooless easy termination
- RoHS, Reach/SVHC compliant
- Die-cast zinc alloy construction
- Supports 25-40 Gigabit Ethernet

Product Overview

The Excel Category 8 screened field termination RJ45 plug offers easy, toolless termination and complies fully with ISO/IEC 11801, ANSI/TIA-568-C.2, Category 8 standards. It offers a fully shielded die-cast zinc alloy, nickel plated body and gold plated phosphor bronze contact pins.

Suitable for cable diameters between 5.6 mm and 8.5 mm, strain relief is provided by the compression nut on the back of the connector.

IDC termination accepts wire gauges from 22AWG to 26AWG.

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Product Specifications

Feature	Values
Model	**Plug (Male)**
Type of connector	**RJ45 8(8)**
Shielded	**yes**
Category	**8**
Requires termination tool	**no**
Suitable for round cable	**yes**
Colour	**Silver**

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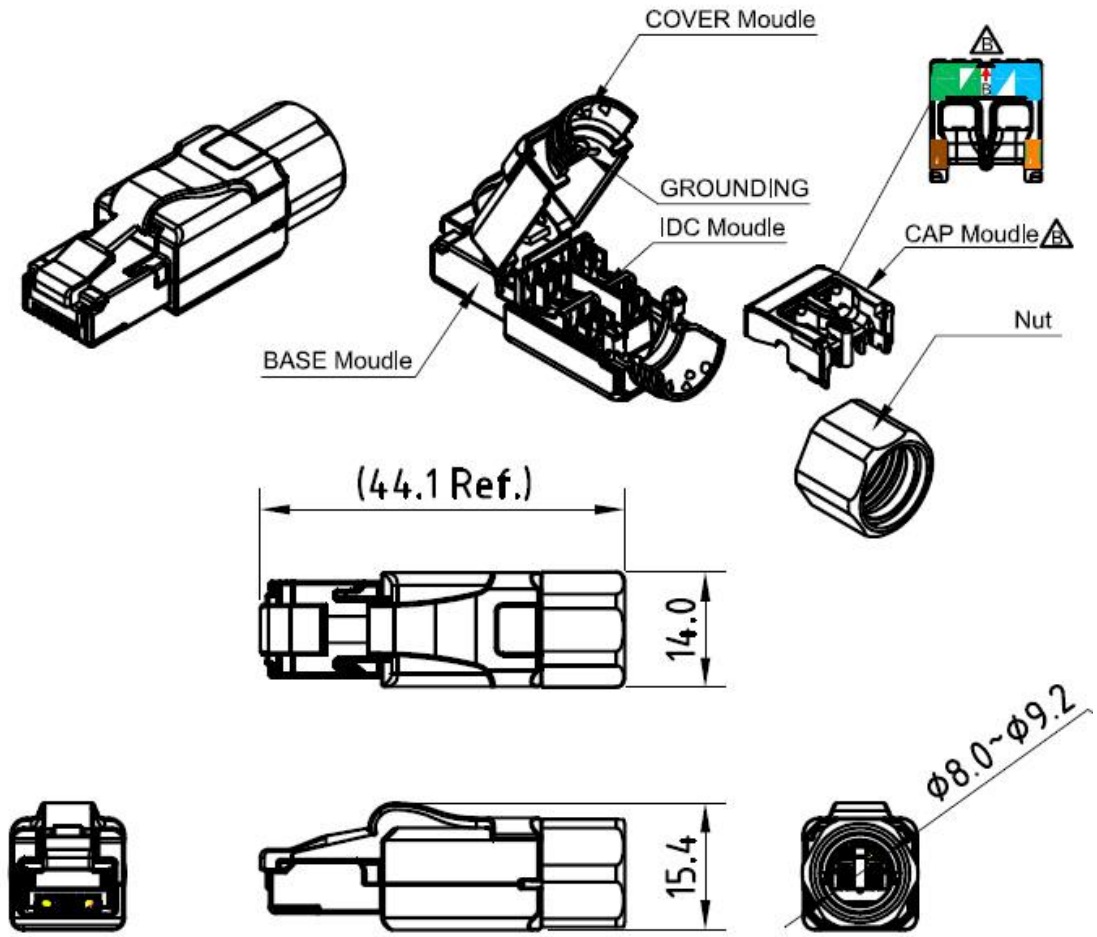
Product drawing



Additional specifications

Features	Values
Width	**14 mm**
Depth	**44.1 mm**
Height	**15.4 mm**

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Housing	**Die cast zinc-alloy**
RJ45 Contacts	**Nickel plated phosphor bronze alloy with 50 micro-inch gold plating**
IDC Contacts	**Tin plated phosphor bronze alloy**
RJ45 Life	**Minimum 750 insertions**
Storage temprature	**-40 to +70°C**
Operating temprature	**-10 to +60°C**

Standards

Applicable standard	Detail
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
EN 50173-1:2018	Information technology. Generic cabling systems - General requirements
ANSI/TIA 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
UL-94-V-0	Burning stops within 10 seconds after two applications of ten seconds each of a fl ame to a test bar. No flaming drips are allowed.
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article

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	33(1). Submission obligations met under EU REACH and UK REACH.
Regulation (EU) 2019/1021 (POPs)	EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).
UK SI 2012 No. 3032	The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Part Code Table

Part Code	Description
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