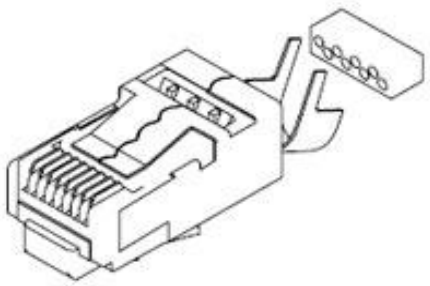
Part Number : 449150021
Product Description : Modular Plug, Category 6, Long Body, Shielded, 8/8, with Strain Relief
Series Number : 44915
Status : Active
Product Category : Modular Jacks and Plugs



Documents and Resources

Drawings

449150021_sd.pdf

PK-44915-003-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

PS-44915-003-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Modular Jacks and Plugs
Series	44915
Description	Modular Plug, Category 6, Long Body, Shielded, 8/8, with Strain Relief
Component Type	Wire Plug
Keyword	Modular Plugs
Magnetic	No
Performance Category	6
Power over Ethernet (PoE)	N/A
Product Name	Modular Plug 8/8,RJ45
UPC	800756395579

Agency

UL	E107635

Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	125V

Physical

Color - Resin	Clear

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Durability (mating cycles max)	500
Inverted / Top Latch	N/A
Jack Height	N/A
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polycarbonate
Net Weight	3.062/g
Orientation	N/A
Packaging Type	Bag
Panel Mount	N/A
PCB Locator	No
PCB Retention	No
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	N/A
Wire/Cable Type	Round

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCC 68 Jacks

Application Tooling

Global

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Description	Part Number
Hand Crimp Tool for RJ-45 CAT5, CAT5e, CAT6, CAT6A Plugs, 28-22 AWG	622020500
ServiceGrade Hand Crimp Tool - Ratchet	640160044

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