Part Number : 857910020
Product Description : MXMag PD Integrated Gigabit Ethernet 8 Core PoE+ 30W Class 0 Single-Port RJ45 Connector, 39.00mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, Non-LED, Standard Temperature, Tray
Series Number : 85791
Status : Obsolete
Product Category : Modular Jacks and Plugs



Obsolete

Documents and Resources

Drawings

PK-85759-001-001.pdf

Specifications

PS-85791-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Product not active
China RoHS	Product not active
EU ELV	Product not active
Low-Halogen Status	Product not active
REACH SVHC	Product not active
EU RoHS	Product not active

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

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- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	Modular Jacks and Plugs
Series	85791
Description	MXMag PD Integrated Gigabit Ethernet 8 Core PoE+ 30W Class 0 Single-Port RJ45 Connector, 39.00mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, Non-LED, Standard Temperature, Tray
Component Type	PCB Jack
Keyword	MagJack, Mag Jack, Magnetic Jack, MagJacks, Mag Jacks, Magnetic Jacks, Mag-Jack
Magnetic	Yes
Performance Category	1000Mb
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack,MXMag,RJ45
UPC	887191157320

Electrical

Current - Maximum per Contact	1.0A
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	60V AC

Physical

Color - Resin	Black
Depth	39.00mm
Durability (mating cycles max)	750
Inverted / Top Latch	Yes

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Jack Height	13.87mm
Keying to Mating Part	No
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polybutylene Terephthalate (PBT)
Net Weight	11.242/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
Panel Mount	Spring Tabs
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Plating min - Mating	0.762µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	0° to +70°C
Termination Interface Style	Through Hole
Wire/Cable Type	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	Plugs according to IEC 60603-7

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