



Part Number : [857351006](#)
Product Description : Gigabit Magnetic Jack,
Enabled PoE+ 2x4, with LEDs Left/Green and Right/
Yellow
Series Number : 85735
Status : Active
Product Category : Modular Jacks and Plugs

Documents & Resources

Drawings

[857351006 sd.pdf](#)
[PK-85735-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[PS-85732-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one; Methylhexahydrophthalic anhydride per D(2022)4187-DC (10 June 2022)
EU RoHS	Compliant with Exemption 7(c)-I per

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

- PFAS

EU RoHS Certificate of ComplianceAdditional Product Compliance Information**Part Details****General**

Status	Active
Category	Modular Jacks and Plugs
Series	85735
Description	Gigabit Magnetic Jack, Enabled PoE+ 2x4, with LEDs Left/Green and Right/Yellow
Component Type	PCB Jack
Keyword	MagJack, Mag Jack, Magnetic Jack, MagJacks, Mag Jacks, Magnetic Jacks, Mag-Jack
Magnetic	Yes
More Detailed Tech Information	For product specifications please contact your Molex sales representative
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack,RJ45
UPC	887191156804

Electrical

Current - Maximum per Contact	1.0A
Grounding to Panel	Yes
Grounding to PCB	Yes
Shielded	Yes
Voltage - Maximum	57V

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	25.46mm
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Copper Alloy
Material - Plating Mating	Gold
Material - Resin	PBT
Net Weight	53.720/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.20mm
Pitch - Mating Interface	1.27mm, 2.54mm
Pitch - Termination Interface	1.27mm, 2.54mm
Port Configuration	2x4
Positions / Loaded Contacts	8/8
Temperature Range - Operating	0° to +70°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A