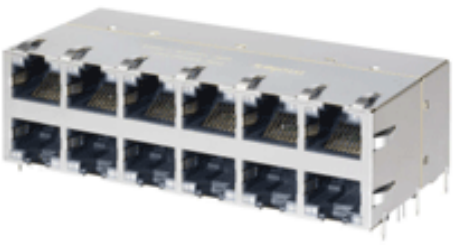
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Part Number: 0857311013
Status: Active
Overview: Magnetic Modular Jacks
Description: Gigabit Magnetic Jack, Enabled PSE PoE+ 2x6, with LEDs Left/Yellow-Green and Right/Yellow-Green



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Packaging Specification PK-85731-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Modular Jacks/Plugs
Series	85731
Component Type	PCB Jack
Magnetic	Yes
More Detailed Tech Information	*For product specifications please contact your Molex sales representative
Overview	Magnetic Modular Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack, Modular Jack 8/8, RJ45
UPC	884982815117

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 over Nickel
Material - Resin	PBT
Net Weight	84.520/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.20mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm, 2.54mm
Pitch - Termination Interface	1.27mm, 2.54mm
Ports	12
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +70°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical

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

Material Info

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 7(c)-I

China RoHS

REACH SVHC
Contained Per - ED/01/2018 (15 January 2018)
2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p

Halogen-Free Status
Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
85731 Series

Reference - Drawing Numbers

Packaging Specification	PK-85731-001-001
Sales Drawing	SD-85731-001

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