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Part Number: 0857190101
Status: Active
Overview: Magnetic Modular Jacks
Description: Gigabit Magnetic Jack, Integrated PSE PoE+ 2x6, with LEDs

Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Application Specification AS-85719-001-001 (PDF)
Packaging Specification PK-85719-135 (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	Modular Jacks/Plugs
Series	85719
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
UPC	883906849290

Physical	
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	25.43mm
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Thermoplastic Polyurethane
Net Weight	110.080/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.20mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	0.381µm
Plating min - Termination	1.270µm
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

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 7(c)-I,7(a)*

China RoHS

REACH SVHC
Contained Per - ED/108/2014 (17 Dec 2014)

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.

CUST_NOTE	*Product contains part(s) with customer managed
CUST_NOTE1	EHS data. These part(s) are excluded from
CUST_NOTE2	product compliance status evaluation.
China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained*

Search Parts in this Series
85719 Series

Mates With
Plugs according to IEC 60603-7

Voltage - Maximum	57V

Material Info

Reference - Drawing Numbers

Application Specification	AS-85719-001-001
Packaging Specification	PK-85719-135
Sales Drawing	SD-85719-101

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