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Part Number:

0857891006

Status:

Active

Overview:

Magnetic Modular Jacks

Description:

Gigabit Magnetic Jack, PoE PLUS ENABLED 1x1, LEDs: YELLOW - GREEN



Documents:

3D Model

Drawing (PDF)

Product Specification PS-85789-001-001 (PDF)

Packaging Specification PK-85759-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E177474
General	
Product Family	Modular Jacks/Plugs
Series	85789
Component Type	PCB Jack
Magnetic	Yes
Overview	Magnetic Modular Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack, Modular Jack 8/8
UPC	884982228078
Physical	
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.87mm
Keying to Mating Part	Yes
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	10.506/g
Orientation	Right Angle (Side Entry)
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	0.381µm
Plating min - Termination	1.270µm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	0°C to +70°C
Termination Interface: Style	Through Hole
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
Solder Process Data	

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant with Exemption 7(c)-I

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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

85789 Series

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	N/A
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85759-001
Product Specification	PS-85789-001-001
Sales Drawing	857891001-000, SD-85789-001, SD-85789-401

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