molex
one company > a world of innovation

This document was generated on 05/26/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0857931001
Status: Active
Overview: Magnetic Modular Jacks
Description: Gigabit Magnetic Jack, 1x1 LEDs: Green - Green



Series image - Reference only

Documents:

3D Model
Drawing (PDF)
Product Specification PS-85793-001-001 (PDF)
Packaging Specification PK-85759-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E177474

General

Product Family	Modular Jacks/Plugs
Series	85793
Component Type	PCB Jack
Magnetic	Yes
Overview	Magnetic Modular Jacks
Performance Category	5, 5e
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack, Modular Jack 8/8
UPC	884982282087

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.87mm
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Thermoplastic Polyurethane
Net Weight	10.484/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.80mm
Packaging Type	Tray
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
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical

Current - Maximum per Contact	1.0A
Grounding to PCB	Yes
Grounding to Panel	Yes

EU ELV
Not Relevant

EU RoHS
Compliant with Exemption 7(c)-I

China RoHS

REACH SVHC
Not Contained Per -ED/01/2017 (12 January 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
85793 Series

Mates With
Plugs according to IEC 60603-7

Shielded	Yes
Voltage - Maximum	150V (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85759-001
Product Specification	PS-85793-001-001
Sales Drawing	857931001-000

This document was generated on 05/26/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION