

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0857281002**
Status: **Active**
Overview: Magnetic Modular Jacks
Description: Gigabit Magnetic Jack 2X6, LEDs Green/Orange/Green

Documents:

[3D Model](#) [Packaging Specification PK-85728-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85728-001-001 \(PDF\)](#)

General

Product Family	Modular Jacks/Plugs
Series	<u>85728</u>
Component Type	PCB Jack
Magnetic	Yes
Overview	<u>Magnetic Modular Jacks</u>
Performance Category	5, 5e
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack, Modular Jack 8/8
UPC	884982272026

Physical

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	Polyester
Net Weight	62.000/g
Orientation	Right Angle (Side Entry)
PCB Retention	None
PCB Thickness - Recommended	3.20mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
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
Wire/Cable Type	CAT 5, CAT 6

Electrical

Current - Maximum per Contact	1.0A
Grounding to PCB	Yes
Grounding to Panel	Panel Ground Tab
Shielded	Yes
Voltage - Maximum	125V AC (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85728-001
Product Specification	PS-85728-001-001
Sales Drawing	SD-85728-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant*

REACH SVHC

Contained Per -
ED/01/2017 (12
January 2017)*
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(
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.

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

Search Parts in this Series

[85728 Series](#)

This document was generated on 05/29/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION