This document was generated on 03/06/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0857281004
Status: Active
Overview: Magnetic Modular Jacks
Description: Gigabit Magnetic Jack 2X6, LEDs Green/Orange



Series image - Reference only

Documents:

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

Agency Certification	
UL	E177474
General	
Product Family	Modular Jacks/Plugs
Series	85728
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, RJ45
UPC	884982362161
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	67.000/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-85728-001-001
Product Specification	PS-85728-001-001

EU ELV
Not Relevant

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

China RoHS

REACH SVHC
Contained Per - ED/30/2017 (7 July 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
CUST_NOTE2	product compliance status evaluation.
China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Reviewed

Search Parts in this Series
85728 Series

This document was generated on 03/06/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION