

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0855105020

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

Modular Jack, Vertical, Top Entry, Surface Mount, 8/8, Solder Tabs, 13" Reel

Documents:

3D Model	Application Specification AS-85513-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-85510-002 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-95503-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E107635
----	---------

General

Product Family	Modular Jacks/Plugs
Series	85510
Comments	Reflow Capable, Small Panel Cutout
Component Type	PCB Jack
Magnetic	No
Overview	Magnetic and Modular Jacks/Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
Taxonomy	Modular Jacks and Plugs
UPC	800756825533

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	2500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	15.70mm
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.132/g
Orientation	Vertical (Top Entry)
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051µm, 1.016µm
Plating min - Termination	1.905µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No
Wire/Cable Type	N/A

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

85510 Series

Mates With

90075 Modular Plug

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	125V DC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	040
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-85513-001-001
Packaging Specification	PK-85510-002
Product Specification	PS-95503-001-001
Sales Drawing	SD-85510-002-001

This document was generated on 10/11/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION