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Part Number: [0424108314](#)
Status: **Active**
Overview: Magnetic and Modular Jacks/Plugs
Description: Modular Jack, Vertical, 8/8

Documents:

3D Model (PDF)	Packaging Specification PK-42410-492-001 (PDF)
Drawing (PDF)	Test Summary TS-42878-001-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-42410-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	42410
Comments	Flush Mount Flangeless 2 PCB Thick
Component Type	PCB Jack
Magnetic	No
Overview	<u>Magnetic and Modular Jacks/Plugs</u>
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	800754381147

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	N/A
Jack Height	16.38mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.694/g
Orientation	Vertical (Top Entry)
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +80°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

Electrical

Current - Maximum per Contact	1.5A
Shielded	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[42410 Series](#)

Mates With

FCC 68 Plugs

Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-free Process Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 235

Material Info

Reference - Drawing Numbers

Packaging Specification PK-42410-492-001
Product Specification PS-42410-001
Sales Drawing SDA-42410-XXXX-001
Test Summary TS-42878-001-001

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