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Part Number:

0424108312

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

Modular Jack, Vertical, 8/8, Panel Stops

Documents:

3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification PS-42410-001 (PDF)

Packaging Specification PK-42410-492-001 (PDF)

Test Summary TS-42878-001-001 (PDF)

RoHS Certificate of Compliance (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		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		800754381116

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		2.726/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



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - D(2022)4187-DC (10 June 2022) Halogen-Free Status Not Low-Halogen	China RoHS
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

42410 Series

Mates With

FCC 68 Plugs

Shielded	No
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess 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	424108312-000
Test Summary	TS-42878-001-001

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