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Part Number:

0424106168

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

Modular Jack, Vertical, 6/6, Panel Stops

Documents:

Drawing (PDF)

3D Model

3D Model (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 6/6	
Taxonomy	Modular Jacks and Plugs	
UPC	800754316057	
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	9.653/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	6/6	
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

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

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

This document was generated on 08/27/2022

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