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Part Number:

0424106170

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

Modular Jack, Vertical, 6/6

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	800754250016	
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	2.349/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

China RoHS

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
Voltage - Maximum

No
125V

Solder Process Data

Duration at Max. Process Temperature (seconds)
Lead-freeProcess Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

005
WAVE
001
235

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing
Test Summary

PK-42410-492-001
PS-42410-001
424108312-000
TS-42878-001-001

This document was generated on 08/27/2022

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