Part Number: **0424104170**

Status: **Active**

Overview: Magnetic and Modular Jacks/Plugs

Description: Modular Jack, Vertical, 4/4

Series image - Reference only

Documents:

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

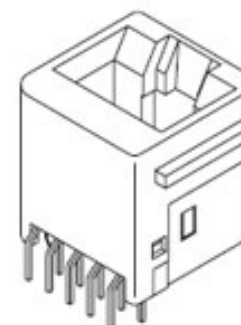### Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	42410
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 4/4
UPC	800753813625

Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	N/A
Jack Height	16.38mm
Keying to Mating Part	None
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	2.104/g
Orientation	Vertical (Top Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	With Flange
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	4/4
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

EU ELV
Not Relevant

EU RoHS   **China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
42410 Series

Electrical
Current - Maximum per Contact   1.5A
Grounding to PCB   No
Grounding to Panel   None
Shielded   No
Voltage - Maximum   150V AC (RMS)

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   SDA-42410-XXXX-001
Test Summary   TS-42878-001-001

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