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Part Number:

0424109418

Status:

Active

Overview:

Modular Jacks and Plugs

Description:

Modular Jack, Vertical, 8/2, Keyed

Documents:

3D Model

Drawing (PDF)

Product Specification PS-42410-001 (PDF)

Product Specification TS-42878-001-001 (PDF)

Packaging Specification PK-42410-492 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

42410

Component Type

PCB Jack

Magnetic

No

Overview

Modular Jacks and Plugs

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Name

RJ45

UPC

800753822054

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

Yes

Lightpipes/LEDs

None

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Polyester

Orientation

Vertical (Top Entry)

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

3.18mm

Packaging Type

Tray

Panel Mount

With Flange

Pitch - Mating Interface

1.02mm

Pitch - Termination Interface

1.27mm

Ports

1

Positions / Loaded Contacts

8/2

Surface Mount Compatible (SMC)

No

Temperature Range - Operating

-40°C to +85°C

Termination Interface: Style

Through Hole

Waterproof / Dustproof

No

Wire/Cable Type

N/A

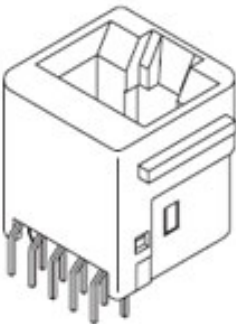
Electrical

Current - Maximum per Contact

1.5A

Grounding to PCB

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Not Reviewed

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Not Reviewed

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

Search Parts in this Series

[42410](#) Series

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
Product Specification	PS-42410-001, TS-42878-001-001

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