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Part Number:

0442820001

Status:

Active

Overview:

Magnetic and Modular Jacks and Plugs

Description:

Modular Jack, Right Angle, Low Profile, Shielded, Surface Mount, 8/8

Documents:

3D Model

Packaging Specification PK-70873-700 (PDF)

Drawing (PDF)

Packaging Specification PK-70873-700-001 (PDF)

Product Specification PS-43743-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

44282

Component Type

PCB Jack

Data Load Status

Data Bulk Loaded from Saqqara

Made From

0442580001, 0444180003

Magnetic

No

Overview

Magnetic and Modular Jacks and Plugs

Performance Category

3

Power over Ethernet (PoE)

N/A

Product Name

Modular Jack 8/8, RJ45

UPC

800756060033

Physical

Color - Resin

Black

Durability (mating cycles max)

500

Flammability

94V-0

Inverted / Top Latch

No

Jack Height

13.45mm

Lightpipes/LEDs

None

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

4.005/g

Orientation

Right Angle (Side Entry)

PCB Locator

Yes

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Embossed Tape on Reel

Panel Mount

N/A

Pitch - Mating Interface

1.02mm

Pitch - Termination Interface

1.27mm

Plating min - Mating

1.270µm

Plating min - Termination

2.540µm

Ports

1

Positions / Loaded Contacts

8/8

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-40°C to +80°C

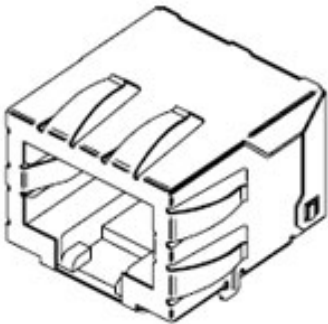
Termination Interface: Style

Surface Mount

Wire/Cable Type

N/A

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

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

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

44282 Series

Mates With

FCC 68 Plugs

Current - Maximum per Contact	1.5A
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-70873-700*, PK-70873-700+-001
Product Specification	PS-43743-0001-001
Sales Drawing	SD-44282-001

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