

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0442820001

Status:

Active

Overview:

Magnetic and Modular Jacks/Plugs

Description:

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

Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

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

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

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E107635

General

Product Family

Modular Jacks/Plugs

Series

44282

Component Type

PCB Jack

Magnetic

No

Overview

Magnetic and Modular Jacks/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

Port Configuration

1x1

Positions / Loaded Contacts

8/8

Surface Mount Compatible (SMC)

N/A

Temperature Range - Operating

-40° to +80°C

Termination Interface: Style

Surface Mount

Wire/Cable Type

N/A

Electrical

Current - Maximum per Contact

1.5A

Grounding to Panel

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

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

44282 Series

Mates With

FCC 68 Plugs

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+-001
Product Specification	PS-43743-0001-001
Sales Drawing	SD-44282-001-001, SD-44282-001-002

This document was generated on 01/05/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

44282-0001