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Part Number:

0784480001

Status:

Active

Overview:

Serial ATA Combo Plugs and Receptacles

Description:

1.27mm Pitch Serial ATA Device Plug, Straddle Mount, with Latch, 22 Circuits, Tape on Reel Packaging, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-78448-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

UPC

PCB Headers

78448

Board-to-Board, Signal

Latch version

Serial ATA Combo Plugs and Receptacles

Serial ATA

883906436537

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Stackable

Temperature Range - Operating

Termination Interface: Style

No

22

22

Black

500

Yes

94V-0

No

Yes

Yes

Yes

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

2.192/g

1

Parallel

No

None

Embossed Tape on Reel

1.27mm

1.27mm

0.762µm

2.540µm

Yes

Yes

No

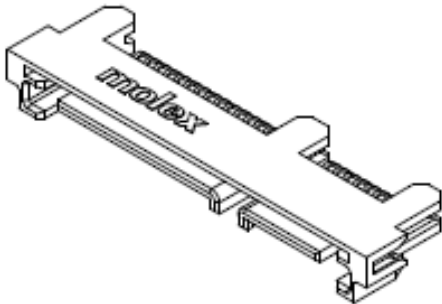
0°C to +55°C

Straddle Mount

Electrical

Current - Maximum per Contact

1.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

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

ELV

Green Image

Not Relevant

Search Parts in this Series

78448 Series

Mates With

Molex Serial ATA and SAS Receptacles

Voltage - Maximum	30V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-78448-001, EE-78448-002, EE-78448-003, EE-78448-004, EE-87701-001
Product Specification	PS-78448-001, RPS-78448-001
Sales Drawing	SD-78448-001

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