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Part Number:

47080-4002

Status:

Active

Overview:

Serial ATA Signal Plugs

Description:

1.27mm Pitch Serial ATA Shrouded Signal Plug, Surface Mount, 7 Circuits, with Peg and Locking Latch, Color Black, 0.76µm Gold (Au) Plating, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-67490-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

47080

Board-to-Board, Signal, Wire-to-Board

Serial ATA Signal Plugs

Serial ATA

822348644728

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

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 - Plating Mating

Material - Plating Termination

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Temperature Range - Operating

Termination Interface: Style

No

7

7

500

No

94V-0

No

No

None

Yes

Gold

Tin

1004.620/mg

1

Right Angle

Yes

Yes

1.60mm

Embossed Tape on Reel

1.27mm

Yes

Yes

No

No

-35°C to +85°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.5A

15V

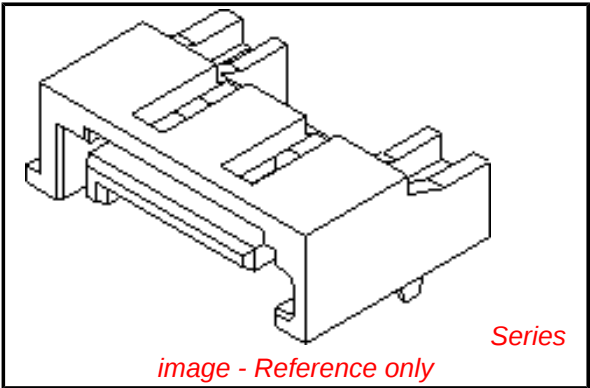
Solder Process Data

Duration at Max. Process Temperature (seconds)

Lead-free Process Capability

10

Reflow Capable (SMT only)



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

47080Series

Mates With

67489 Serial ATA Signal Connect, ATA Straight to Straight Signal Cable Assembly [887505310](#) , [887505318](#) , [887505410](#) , [887505418](#)

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-47080-001
Product Specification	PS-67490-001, RPS-67490-002
S-Parameter Model	SP-47080-001
Sales Drawing	SD-47080-001

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