

Part Number : 473001022
Product Description : 1.00mm, 1.27mm Pitch Slimline Serial ATA Plug for Optical Disk Drive with DIP Standard Type Soldering Tabs, Right-Angle, 0.76µm Gold (Au) Plating, with Peg, 5.4mm Mounted Height, Lead-Free
Series Number : 47300
Status : Obsolete
Product Category : PCB Headers and Receptacles

Documents and Resources

Drawings

PK-47300-001-001.pdf

EE-48325-001-001.pdf

Specifications

PS-47300-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2020)9139-DC (19 Jan 2021)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

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- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	PCB Headers and Receptacles
Series	47300
Description	1.00mm, 1.27mm Pitch Slimline Serial ATA Plug for Optical Disk Drive with DIP Standard Type Soldering Tabs, Right-Angle, 0.76µm Gold (Au) Plating, with Peg, 5.4mm Mounted Height, Lead-Free
Application	Board-to-Board
Comments	Soldering Standard Type
Component Type	PCB Header
Product Name	Serial ATA,Slimline Serial ATA
UPC	800756824628

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC

Physical

Breakaway	No
Circuits (Loaded)	13
Circuits (maximum)	13

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Durability (mating cycles max)	500
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.055/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	1.00mm, 1.27mm
Pitch - Termination Interface	1.00mm, 1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-35° to +85°C
Termination Interface Style	Surface Mount

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Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

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Description	Part Number
Slimline Serial ATA Vertical Plugs and Removable Interposers	47639
Slimline Serial ATA Headers	47645

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