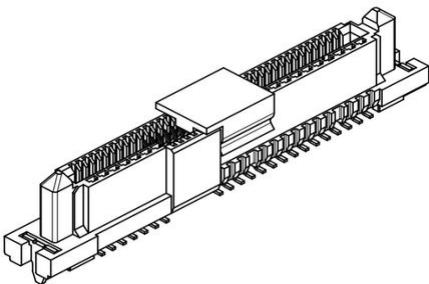




Part Number : [2079741001](#)
Product Description : 1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS-4 Receptacle, Vertical, Surface Mount, with Blade, 8.15mm Height, 1.05mm Peg Length, 29 Circuits, with Cap, Embossed Tape on Reel, Lead-Free
Series Number : 207974
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

- [2079741001_sd.pdf](#)
- [2079741008-PK-PKG.pdf](#)

3D Models and Design Files


- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)
- [2079741001-000.pdf](#)
- [2079741001-000.zip](#)

Specifications

- [2079741001-000.pdf](#)
- [2079740001-PS-000.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(2024)7663-DC (21 Jan 2025)

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
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	I/O Connectors
Series	207974
Description	1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS-4 Receptacle, Vertical, Surface Mount, with Blade, 8.15mm Height, 1.05mm Peg Length, 29 Circuits, with Cap, Embossed Tape on Reel, Lead-Free
Application	Board-to-Board
Comments	With Cap
Component Type	Receptacle
Product Name	SAS 22.5G,SAS-4
Type	N/A
UPC	191130140572

Agency

CSA	152514
-----	--------

UL	E29179
----	--------

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	29V AC (RMS)/DC

Physical

Circuits Detail	Signal 14, Power 15
Circuits (Loaded)	29
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.553/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm min
Pitch - Mating Interface	0.80mm, 1.27mm
Pitch - Termination Interface	0.80mm, 1.27mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Surface Mount

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)

Description	Part Number
Mates With	SAS/SATA Plug