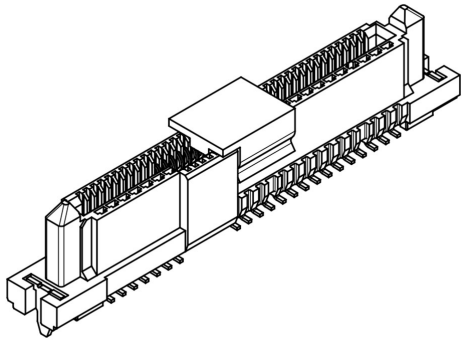
Part Number : 2079741001
Product Description : 1.27mm Signal Pitch, 0.80mm SCSI Pitch, 1.27mm Power Pitch SAS-4 Receptacle, Vertical, Surface Mount, with Blade, 8.15mm Height, 1.05mm Peg Length, 29 Circuits, with Cap, Embossed Tape on Reel, Lead-Free
Series Number : 207974
Status : Active
Product Category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



Documents & Resources

Drawings

Drawing_2079741001_sd.pdf
Packaging Design Drawing_2079741008-PK-PKG.pdf

3D Models and Design Files

3D Model_2079741001_stp.zip
Electrical Model Document_2079741001-000.pdf
S-Parameter Model_2079741001-000.zip

Specifications

Application Specification_2079741001-000.pdf
Product Specification_2079740001-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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 Family	Serial Attached SCSI (SAS) Connectors
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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

347072012 348268126 351820290 357470310 502380-0800 349672001 194290026 197054301 197134001 0351510214 0477256010 34708-2028 5023860371 503988100 528520870 528523070 0194360214 355240920 194290039 347910140 347928042 464373005 502584-0870 528061110 0464363133 194270031 348242245 502585-0370 459850483 502584-1060