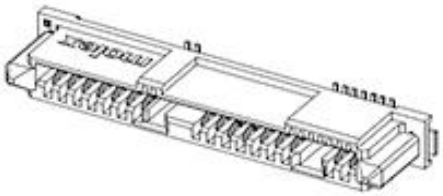
Part Number : 783961000
Product Description : 0.80mm, 1.27mm Micro SAS-2 Receptacle, Vertical, Surface Mount, 0.76µm Gold (Au) Plating, 25 Circuits, for 1.00mm PCB Thickness, Halogen free, Lead-Free
Series Number : 78396
Status : Not Recommended For New Design
Product Category : I/O Connectors



Documents and Resources

Drawings

PK-78396-001-001.pdf

EE-78528-001-001.pdf

Specifications

PS-78396-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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(2025)7771-DC (04 Feb 2026)
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)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Not Recommended For New Design
Category	I/O Connectors
Series	78396
Description	0.80mm, 1.27mm Micro SAS-2 Receptacle, Vertical, Surface Mount, 0.76µm Gold (Au) Plating, 25 Circuits, for 1.00mm PCB Thickness, Halogen free, Lead-Free
Application	Board-to-Board
Component Type	Receptacle
Product Name	Micro SAS 6G,Micro SAS-2
Type	N/A
UPC	884982294530

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	30V

Physical

Boot Color	N/A
Circuits Detail	Signal 14, Power 9, Sideband 2
Circuits (Loaded)	25

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Circuits (maximum)	25
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.774/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
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	0° to +55°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No
Wire Size (AWG)	N/A

Solder Process Data

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

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