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Part Number:

1719832342

Status:

Active

Overview:

Nano-Pitch I/O Interconnect System

Description:

Nano-Pitch I/O Receptacle, Vertical, Through Hole, with Cap, 42 Circuits, Shell Tab Length 3.00mm, Natural



Documents:	
3D Model	Packaging Specification PK-171982-9000-001 (PDF)
Drawing (PDF)	Packaging Specification PK-173307-0001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	I/O Connectors
Series	171983
Application	Wire-to-Board
Component Type	Receptacle
Overview	Nano-Pitch I/O Interconnect System
Product Name	Nano-Pitch I/O
Type	N/A
UPC	191128136464
Physical	
Circuits (Loaded)	42
Circuits (maximum)	42
Color - Resin	Natural
Durability (mating cycles max)	250
Gender	Receptacle
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.750/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Embossed Tape on Reel
Panel Mount	No
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +80°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Electrical	
Current - Maximum per Contact	0.5A

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

171983 Series

Grounding to Panel
Shielded
Voltage - Maximum

None
No
30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-171982-9000-001, PK-173307-0001-001
SD-171983-1000-001

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