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Part Number: [1731620338](#)
Status: **Active**
Overview: [Nano-Pitch I/O Interconnect System](#)
Description: Nano-Pitch I/O Receptacle, Straight, Extra Duty Through Hole, 3.00mm Tail Length, with Cap, 80 Circuits

Documents:
[3D Model](#) [Application Specification AS-173162-0001-001 \(PDF\)](#)
[3D Model \(PDF\)](#) [Packaging Specification PK-173307-0001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-173162-0001-001 \(PDF\)](#)

Agency Certification
UL E29179

General
Product Family I/O Connectors
Series [173162](#)
Application Wire-to-Board
Component Type Receptacle
Overview [Nano-Pitch I/O Interconnect System](#)
Product Name Nano-Pitch I/O
Type N/A
UPC 889056676663

Physical
Circuits (Loaded) 80
Circuits (maximum) 80
Color - Resin Black
Durability (mating cycles max) 250
Flammability 94V-0
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 1.680/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



Series image - Reference only

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
[173162 Series](#)

Mates With
Nano-Pitch I/O Cable Assembly [205058](#)

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	None
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	AS-173162-0001-001
Electrical Model Document	EE-173162-0010-001
Packaging Specification	PK-173307-0001-001
Product Specification	PS-173162-0001-001
S-Parameter Model	SP-173162-0010-001
Sales Drawing	SD-173162-0002-001

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