

Part Number: 2068320201

Product Description : Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Dual Row, 2 Circuits, Tin

(Sn) Plating, Glow-Wire Capable, Black, Tray

Series Number: 206832

Status: Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

2068320201 sd.pdf

2068320000-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

1722990000-AS-000.pdf

2064600001-AS-000.pdf

2064600000-PS-000.pdf

2064600000-TS-000.pdf

2064600001-TS-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	PCB Headers and Receptacles
Series	206832
Description	Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Dual Row, 2 Circuits, Tin (Sn) Plating, Glow-Wire Capable, Black, Tray
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Fit+
UPC	191130125326

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	12.5A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Breakaway Circuits (Loaded) Circuits (maximum) Color - Resin Black Durability (mating cycles max) First Mate / Last Break No Flammability Glow-Wire Capable Keying to Mating Part Lock to Mating Part Material - Metal Material - Plating Mating Material - Plating Termination Net Weight Net Weight Number of Rows Orientation PC Tail Length Pitch - Mating Interface Polarized to PCB Shrouded Termination Legular Style Proper Alloy Through Hole Road Style And Circuits (maximum) 2 And Black Bla		<u> </u>
Circuits (maximum) Color - Resin Black Durability (mating cycles max) First Mate / Last Break No Flammability Glow-Wire Capable Keying to Mating Part Lock to Mating Part Material - Metal Material - Plating Mating Material - Resin Net Weight Number of Rows Orientation PC Tail Length Polarized to Mating Part Tine Black No Black Black Black Black Black Black Black No Black No Black No Black No State of the state of the seak No 24 Ves Liquid Crystal Liquid Crystal Polymer Liquid Crystal Polymer Net Weight 0.317/g Number of Rows 2 Orientation Vertical Packaging Type Tray PCB Thickness - Recommended 1.57mm PC Tail Length 3.18mm Pitch - Mating Interface 3.00mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Yes Temperature Range - Operating -40° to +125°C	Breakaway	No
Color - Resin Durability (mating cycles max) First Mate / Last Break Ro Flammability Glow-Wire Capable Keying to Mating Part Lock to Mating Part Material - Metal Material - Plating Mating Material - Resin Material - Resin Liquid Crystal Polymer Net Weight Number of Rows Orientation Packaging Type PCB Thickness - Recommended Pitch - Mating Interface Polarized to Mating Part Yes Black No 25 No House No High Copper Alloy Tin Liquid Crystal Polymer Liquid Crystal Polymer Vertical Vertical Packaging Type Tray PCB Thickness - Recommended 1.57mm PC Tail Length 3.18mm Pitch - Mating Interface 3.00mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Yes Temperature Range - Operating -40° to +125°C	Circuits (Loaded)	2
Durability (mating cycles max) First Mate / Last Break Ro Flammability 94V-0 Glow-Wire Capable Keying to Mating Part Lock to Mating Part Material - Metal Material - Plating Mating Material - Plating Termination Material - Resin Liquid Crystal Polymer Net Weight Number of Rows 2 Orientation Packaging Type PCB Thickness - Recommended Pitch - Mating Interface Polarized to Mating Part Yes Shrouded Tin 110 None Yes None Yes None Net Weight Tin Liquid Crystal Polymer 0.317/g Vertical Vertical 7 Tray PCB Thickness - Recommended 1.57mm 3.18mm Pitch - Mating Interface 3.00mm Pitch - Termination Interface Polarized to PCB Yes Shrouded Yes Temperature Range - Operating -40° to +125°C	Circuits (maximum)	2
First Mate / Last Break Flammability Glow-Wire Capable Keying to Mating Part Lock to Mating Part Material - Metal Material - Plating Mating Material - Resin Material - Resin None Liquid Crystal Polymer Net Weight Number of Rows Orientation Packaging Type PCB Thickness - Recommended Pitch - Mating Interface Polarized to Mating Part Yes Temperature Range - Operating Yes None None None None Nethor None Nethor None High Copper Alloy Tin Liquid Crystal Polymer 0.317/g Vertical Polarized Crystal Polymer 1.57mm 1.57mm 1.57mm 2.57mm 2.57mm 2.57mm 2.57mm 4.00mm 4.57mm 4.57	Color - Resin	Black
Flammability Glow-Wire Capable Keying to Mating Part Lock to Mating Part None Lock to Mating Part High Copper Alloy Material - Plating Mating Material - Plating Termination Tin Material - Resin Liquid Crystal Polymer Net Weight O.317/g Number of Rows 2 Orientation Vertical Packaging Type Tray PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Polarized to Mating Part Polarized to PCB Shrouded Temperature Range - Operating Yes None None Nes Yes None Night None Night None Night Copper Alloy Tin None Night Copper Alloy Yes Naterial - Nes None Night Copper Alloy Yes Naterial - Nes None Night Copper Alloy Yes Naterial - Nes None None Night Copper Alloy None None None None None None None None	Durability (mating cycles max)	25
Glow-Wire Capable Keying to Mating Part None Lock to Mating Part Material - Metal Material - Plating Mating Material - Plating Termination Material - Resin Liquid Crystal Polymer Net Weight Number of Rows 2 Orientation Packaging Type Tray PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Polarized to Mating Part Polarized to PCB Shrouded Temperature Range - Operating None Net Wes High Copper Alloy Tin Number Of Rows 2 Vertical Packaging Type Tray PCB Thickness - Recommended 1.57mm 3.18mm 3.18mm Yes Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Yes	First Mate / Last Break	No
Keying to Mating Part Lock to Mating Part Yes Material - Metal Material - Plating Mating Material - Plating Termination Material - Resin Liquid Crystal Polymer Net Weight Number of Rows Orientation Packaging Type PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Polarized to Mating Part Polarized to PCB Shrouded Yes Temperature Range - Operating Material - Metal High Copper Alloy High Copper Alloy Tin Liquid Crystal Polymer O.317/g Packaging Type Tray Pertical Tray Pertical 1.57mm 3.18mm 3.18mm Pitch - Mating Interface 3.00mm Polarized to Mating Part Yes Yes Shrouded Yes Temperature Range - Operating	Flammability	94V-0
Lock to Mating Part Material - Metal Material - Plating Mating Material - Plating Termination Material - Resin Material - Resin Liquid Crystal Polymer Net Weight O.317/g Number of Rows 2 Orientation Packaging Type Tray PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Polarized to Mating Part Polarized to PCB Shrouded Yes Temperature Range - Operating Tin Yes High Copper Alloy Tin	Glow-Wire Capable	Yes
Material - Metal High Copper Alloy Material - Plating Mating Tin Material - Plating Termination Tin Material - Resin Liquid Crystal Polymer Net Weight 0.317/g Number of Rows 2 Orientation Vertical Packaging Type Tray PCB Thickness - Recommended 1.57mm PC Tail Length 3.18mm Pitch - Mating Interface 3.00mm Pitch - Termination Interface 3.00mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Yes Temperature Range - Operating -40° to +125°C	Keying to Mating Part	None
Material - Plating Mating Material - Plating Termination Material - Resin Material - Resin Net Weight Number of Rows Orientation Packaging Type PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Polarized to Mating Part Polarized to PCB Shrouded Tin Tin Liquid Crystal Polymer 0.317/g Vertical Vertical 1.57mm 3.18mm 3.18mm 3.18mm Yes Polarized to Mating Part Yes Polarized to PCB Yes Temperature Range - Operating Tin Tin Tin Tin Diana Commended Vertical 1.57mm 3.00mm 7.57mm 7	Lock to Mating Part	Yes
Material - Plating Termination Material - Resin Liquid Crystal Polymer Net Weight O.317/g Number of Rows 2 Orientation Packaging Type Tray PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Pitch - Termination Interface Polarized to Mating Part Polarized to PCB Shrouded Tin Liquid Crystal Polymer Liquid Crystal Polymer A.317/g Number of Rows 2 Vertical Tray 1.57mm 3.18mm 3.00mm Pitch - Termination Interface 3.00mm Yes Polarized to PCB Yes Shrouded Yes Temperature Range - Operating	Material - Metal	High Copper Alloy
Material - Resin Net Weight O.317/g Number of Rows Orientation Packaging Type PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Polarized to Mating Part Polarized to PCB Shrouded Tiquid Crystal Polymer 0.317/g Vertical Yertical 1.57mm 3.18mm 3.18mm 3.00mm Yes Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Yes Temperature Range - Operating	Material - Plating Mating	Tin
Net Weight O.317/g Number of Rows Orientation Packaging Type Tray PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Polarized to Mating Part Polarized to PCB Shrouded Temperature Range - Operating O.317/g 2 2 Vertical 1.57mm 3.18mm 3.18mm 3.00mm Yes 40° to +125°C	Material - Plating Termination	Tin
Number of Rows Orientation Packaging Type Tray PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Pitch - Termination Interface Polarized to Mating Part Polarized to PCB Shrouded Tray 1.57mm 3.18mm 3.00mm Yes Yes Yes Yes Yes	Material - Resin	Liquid Crystal Polymer
Orientation Packaging Type Tray PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Pitch - Termination Interface Polarized to Mating Part Polarized to PCB Shrouded Tray 1.57mm 3.18mm 3.00mm 7.00mm Yes Yes Yes Polarized to PCB Yes Temperature Range - Operating Yes -40° to +125°C	Net Weight	0.317/g
Packaging Type Tray PCB Thickness - Recommended 1.57mm PC Tail Length 3.18mm Pitch - Mating Interface 3.00mm Pitch - Termination Interface Yes Polarized to Mating Part Polarized to PCB Shrouded Yes Temperature Range - Operating Tray Tray Tray Tray Tray Tray 1.57mm 3.18mm 3.00mm Yes 3.00mm Yes Yes Yes Yes	Number of Rows	2
PCB Thickness - Recommended PC Tail Length Pitch - Mating Interface Pitch - Termination Interface Polarized to Mating Part Polarized to PCB Shrouded Temperature Range - Operating 1.57mm 3.18mm 3.00mm 7.500mm	Orientation	Vertical
PC Tail Length 3.18mm Pitch - Mating Interface 3.00mm Pitch - Termination Interface 3.00mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Yes Temperature Range - Operating -40° to +125°C	Packaging Type	Tray
Pitch - Mating Interface 3.00mm Pitch - Termination Interface 3.00mm Polarized to Mating Part Yes Polarized to PCB Yes Shrouded Yes Temperature Range - Operating -40° to +125°C	PCB Thickness - Recommended	1.57mm
Pitch - Termination Interface Polarized to Mating Part Polarized to PCB Yes Shrouded Temperature Range - Operating 3.00mm Yes Yes Yes -40° to +125°C	PC Tail Length	3.18mm
Polarized to Mating Part Polarized to PCB Shrouded Yes Yes Yes Yes Yes Yes Yes	Pitch - Mating Interface	3.00mm
Polarized to PCB Shrouded Yes Temperature Range - Operating Yes -40° to +125°C	Pitch - Termination Interface	3.00mm
Shrouded Yes Temperature Range - Operating -40° to +125°C	Polarized to Mating Part	Yes
Temperature Range - Operating -40° to +125°C	Polarized to PCB	Yes
	Shrouded	Yes
Termination Interface Style Through Hole	Temperature Range - Operating	-40° to +125°C
Terrimidation internace style	Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit+ Dual Row Receptacle Housings	<u>206461</u>

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