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Part Number:

2165712004

Status:

Active

Overview:

Micro-Fit+ Connector System

Description:

Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 4 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black

- Documents:
- 3D Model

Packaging Specification 2165710002-PK-000 (PDF)
- Drawing (PDF)

Test Summary 2157590005-TS-000 (PDF)
- 3D Model (PDF)

Datasheet (PDF)
- Product Specification 2064600000-PS-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 2064600001-AS-000 (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	216571
Application	Power, Wire-to-Board
Component Type	PCB Header
Overview	Micro-Fit+ Connector System
Product Name	Micro-Fit+
Taxonomy	PCB Headers and Receptacles
UPC	193264926787

Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	High Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.647/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.18mm
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Pitch - Termination Interface	3.00mm
Plating min - Mating	0.381µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

216571 Series

Mates With

Micro-Fit+ Receptacle Housing 215759

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	2064600001-AS-000
Packaging Specification	2165710002-PK-000
Product Specification	2064600000-PS-000
Sales Drawing	2165710003-SD-000
Test Summary	2157590005-TS-000

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