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Part Number:

2165712003

Status:

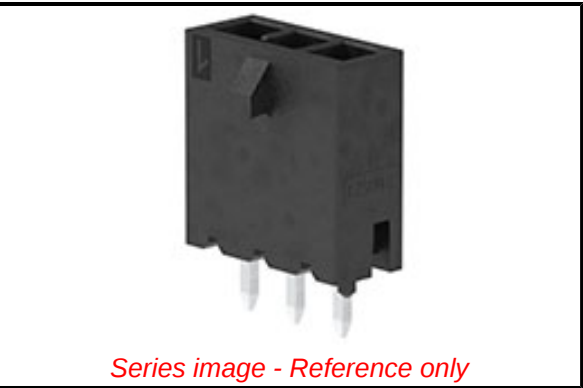
Active

Overview:

Micro-Fit+ Connector System

Description:

Micro-Fit+ Vertical Header, Through Hole, 3.00mm Pitch, Single Row, 3 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black



Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification 2064600000-PS-000 (PDF)

Application Specification 2064600001-AS-000 (PDF)

Packaging Specification 2165710002-PK-000 (PDF)

Test Summary 2157590005-TS-000 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (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		193264926770

Physical		
Breakaway		No
Circuits (Loaded)		3
Circuits (maximum)		3
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		0.499/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

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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