

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1720650204

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 4 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black

- Documents:
- 3D Model

Application Specification AS-76823-100-001 (PDF)
- Drawing (PDF)

Packaging Specification 768291100-000 (PDF)
- 3D Model (PDF)

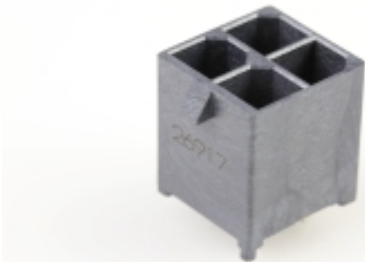
Test Summary TS-76823-100-001 (PDF)
- Product Specification PS-76823-100-001 (PDF)

Datasheet (PDF)
- Application Specification 768232000-AS-000 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	PCB Headers
Series	172065
Application	Power, Wire-to-Board
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	889056897129
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Glow-Wire Capable	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	16.78mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.394/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.73mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.80mm

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

172065 Series

Mates With

Mega-Fit Receptacle Housing 171692 , 170001 . Mega-Fit Overmolded Cable Assembly 245136

Current - Maximum per Contact

23.5A

Voltage - Maximum

600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

768232000-AS-000, AS-76823-100-001

Packaging Specification

768291100-000

Product Specification

PS-76823-100-001

Sales Drawing

768290002-000

Test Summary

TS-76823-100-001

This document was generated on 09/07/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[172065-0204](#)