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Part Number:

0768290104

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 4 Circuits, 1.52µm Tin (Sn) 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	76829
Application	Power, Wire-to-Board
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	889056895552
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
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	Matte Tin
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	1.524µm
Plating min - Termination	1.524µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Unmated Height	14.80mm

Electrical



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

76829 Series

Mates With

Mega-Fit Receptacle Housings [171692](#) , [170001](#) . Mega-Fit Discrete Cable Assembly [45136](#)

Current - Maximum per Contact
Voltage - Maximum

23.5A
600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification
Packaging Specification
Product Specification
Sales Drawing
Test Summary

768232000-AS-000, AS-76823-100-001
768291100-000
PS-76823-100-001
768290002-000
TS-76823-100-001

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