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Part Number:

0768290102

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 2 Circuits, 1.52µm Tin (Sn) Plating, Glow-Wire Capable, Black

Documents:

- 3D Model

Packaging Specification 768291100-000 (PDF)
- Drawing (PDF)

Test Summary 1720631000-TS-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)
- Application Specification AS-76823-100-001 (PDF)

General

Product Family	PCB Headers
Series	76829
Application	Power, Wire-to-Board
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
Taxonomy	PCB Headers and Receptacles
UPC	889056895545

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	1.694/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



Series image - Reference only

EU ELV

Not Relevant

EU 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

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](#)

Electrical

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	1720631000-TS-000, TS-76823-100-001

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