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Part Number: **0768290106**
Status: **Active**
Overview: Mega-Fit Power Connectors
Description: Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 6 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)
Product Specification PS-76823-100-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification TS-76823-100-001 (PDF)	Product Literature (PDF)



General

Product Family	PCB Headers
Series	76829
Application	Power, Wire-to-Board
Overview	<u>Mega-Fit Power Connectors</u>
Product Literature Order No	987650-5401
Product Name	Mega-Fit®
UPC	889056895569

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	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	3.447/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°C to +105°C
Termination Interface: Style	Through Hole
Unmated Height	14.80mm

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[76829](#) Series

Mates With

Mega-Fit® Receptacle Housing [171692](#) ,
[170001](#)

Current - Maximum per Contact
Voltage - Maximum

23.0A
600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-76823-100-001

Packaging Specification

768291100-000

Product Specification

PS-76823-100-001, TS-76823-100-001

Sales Drawing

768290002-000

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