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Part Number:

0768290108

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 8 Circuits, 1.52µm Tin (Sn) Plating, Glow Wire Capable, Black



Series image - Reference only

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	Mega-Fit Power Connectors
Product Literature Order No	987650-5401
Product Name	Mega-Fit
UPC	889056895576
Physical	
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	4.498/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	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/01/2017 (12	
January 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

76829 Series

Mates With

Mega-Fit Receptacle Housing 171692 , 170001

Current - Maximum per Contact23.0A

Voltage - Maximum600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application SpecificationAS-76823-100-001

Packaging Specification768291100-000

Product SpecificationPS-76823-100-001, TS-76823-100-001

Sales Drawing768290002-000

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