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Part Number: [76829-0002](#)
Status: **Active**
Overview: [Mega-Fit™ Power Connectors](#)
Description: [Mega-Fit™ Vertical Header, 2 Circuits, Tin \(Sn\) Plating, UL 94 V-0, Tray](#)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Test Summary TS-76829-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

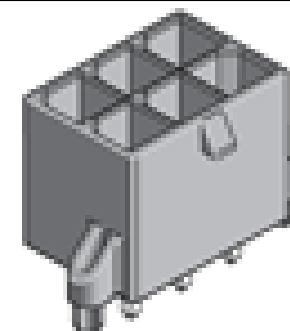
General

Product Family PCB Headers
 Series [76829](#)
 Application Power, Wire-to-Board
 Overview [Mega-Fit™ Power Connectors](#)
 Product Name Mega-Fit™
 UPC 887191454184

Physical

Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 2
 Color - Resin Black
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant Yes
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Mated Height 16.78mm
 Material - Metal Copper
 Material - Plating Mating Nickel
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1.808/g
 Number of Rows 2
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.57mm, 2.36mm
 Packaging Type Tray
 Pitch - Mating Interface 5.70mm
 Pitch - Termination Interface 5.70mm
 Plating min - Mating 1.524µm
 Plating min - Termination 1.270µm
 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 14.03mm

Electrical



*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Low-Halogen Status
Low-Halogen**

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[76829Series](#)

Mates With

Mega-Fit™ Male Crimp Housing [171692](#) ,
[170001](#)

Current - Maximum per Contact	23A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-76829-0100
Test Summary	TS-76829-001

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