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Part Number: [0768250004](#)
Status: **Active**
Overview: Mega-Fit® Power Connectors
Description: Mega-Fit® Right-Angle Header, 4 Circuits, Tin (Sn) Plating, UL 94 V-0, Tray

Documents:
[3D Model](#) [Packaging Specification PK-76825-0000 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

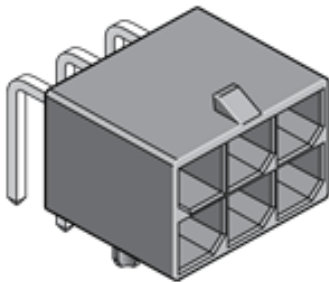
Product Family PCB Headers
Series [76825](#)
Application Power, Wire-to-Board
Overview [Mega-Fit® Power Connectors](#)
Product Name Mega-Fit®
UPC 887191453842

Physical

Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
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 Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 2.836/g
Number of Rows 2
Orientation Right Angle
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 14.53mm

Electrical

Current - Maximum per Contact 23.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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

Green Image
Not Relevant

Search Parts in this Series

[76825](#) Series

Mates With

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

Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-76825-0000
Sales Drawing	SD-76825-0100

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