

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [172065-1006](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit™ Vertical Header, 6 Circuits, 30μ" Gold (Au) Plating, UL 94 V-0, Tray

Documents:

[3D Model](#) [Test Summary TS-76829-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-76823-100 \(PDF\)](#)

General

Product Family	PCB Headers
Series	172065
Application	Power, Wire-to-Board
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit™
UPC	887191559001

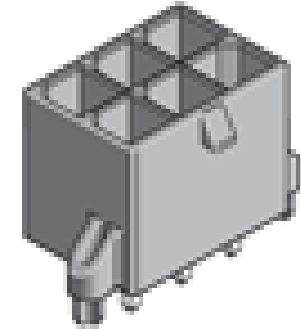
Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
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	Copper
Material - Plating Mating	Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	3.553/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	0.762μm
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

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

Solder Process Data



*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
 Not Reviewed

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

[172065Series](#)

Mates With

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

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

Product Specification	PS-76823-100
Sales Drawing	SD-76829-0100
Test Summary	TS-76829-001

This document was generated on 12/30/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION