



**Part Number :** [768290104](#)

**Product Description :** Mega-Fit Slim Vertical Header without Crush Pegs, 5.70mm Pitch, Through Hole, Dual Row, 4 Circuits, Matte Tin (Sn) Plating, 2.93mm Tail Length, Glow-Wire Capable, Tray, Black

**Series Number :** 76829

**Status :** Active

**Product Category :** PCB Headers and Receptacles



---

## Documents and Resources

### Drawings

[768290104 sd.pdf](#)

[768291100-000.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[768232000-AS-000.pdf](#)

[AS-76823-100-001.pdf](#)

[1720631000-PS-000.pdf](#)

[PS-76823-100-001.pdf](#)


[1720631000-TS-000.pdf](#)

[TS-76823-100-001.pdf](#)

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant

Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	76829
Description	Mega-Fit Slim Vertical Header without Crush Pegs, 5.70mm Pitch, Through Hole, Dual Row, 4 Circuits, Matte Tin (Sn) Plating, 2.93mm Tail Length, Glow-Wire Capable, Tray, Black
Application	Power, Wire-to-Board
Component Type	PCB Header
Product Name	Mega-Fit
UPC	889056895552

### Agency

CSA	LR19980
-----	---------

UL	E29179
----	--------

## Electrical

Current - Maximum per Contact	23.0A
Voltage - Maximum	600V AC (RMS)/DC

## Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	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	2.394/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.93mm
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	1.520µm
Plating min - Termination	1.520µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes

Shrouded	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole
Unmated Height	14.80mm

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mega-Fit Dual Row Receptacle Housings	<u>170001</u>
Mega-Fit Dual Row Receptacle Housings	<u>171692</u>
Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assemblies	<u>45136</u>

---

This document was generated on Dec 16, 2025