

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1720650212](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 12 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black

Documents:

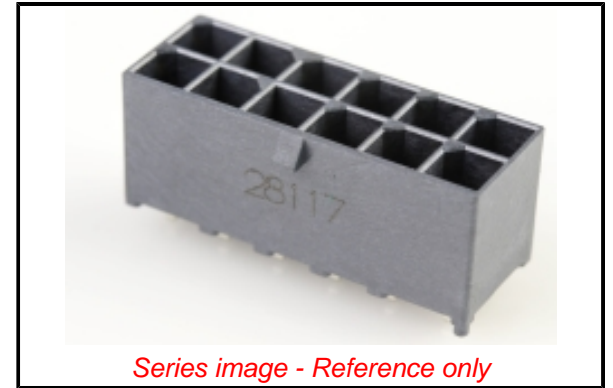
3D Model	Application Specification 768232000-AS-000 (PDF)
Drawing (PDF)	Application Specification AS-76823-100-001 (PDF)
3D Model (PDF)	Packaging Specification 768291100-000 (PDF)
Product Specification 510651000-PS-CHI-000 (PDF)	Test Summary 1720631000-TS-000 (PDF)
Product Specification 510651000-PS-JAP-000 (PDF)	Test Summary TS-76823-100-001 (PDF)
Product Specification 510651000-PS-KOR-000 (PDF)	Datasheet (PDF)
Product Specification 510651000-PS-SPA-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76823-100-001 (PDF)	

General

Product Family	PCB Headers
Series	172065
Application	Power, Wire-to-Board
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
Taxonomy	PCB Headers and Receptacles
UPC	889056897235

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	200
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	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	6.631/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	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172065](#) Series

Mates With

Mega-Fit Receptacle Housing [171692](#) ,
[170001](#)

Termination Interface: Style
Unmated Height

Through Hole
14.80mm

Electrical

Current - Maximum per Contact
Voltage - Maximum

23.5A
600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification
Packaging Specification
Product Specification

768232000-AS-000, AS-76823-100-001
768291100-000
510651000-PS-CHI-000, 510651000-PS-JAP-000,
510651000-PS-KOR-000, 510651000-PS-SPA-000,
PS-76823-100-001
768290002-000
1720631000-TS-000, TS-76823-100-001

Sales Drawing
Test Summary

This document was generated on 08/31/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION