Part Number : 1700010106
Product Description : Mega-Fit Receptacle Housing, Dual Row, 6 Circuit, Glow-Wire Capable, Bag
Series Number : 170001
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

1700010106_sd.pdf

PK-170001-001-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-76823-100-001.pdf

PS-76823-100-001.pdf

TS-170001-001-001.pdf

TS-76823-100-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 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	Connector Housings
Series	170001
Description	Mega-Fit Receptacle Housing, Dual Row, 6 Circuit, Glow-Wire Capable, Bag
Application	Power, Wire-to-Board
Product Name	Mega-Fit
UPC	887191246307

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	Yes

Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.960/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +120°C

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mega-Fit Right-Angle, Dual Row, Through Hole Headers	172064
Mega-Fit Vertical, Dual Row Through Hole Headers	172065
Mega-Fit Right-Angle Dual Row Headers	76825
Mega-Fit and Mega-Fit Slim Vertical Dual Row Headers	76829

Use with Part(s)

Description	Part Number
Mega-Fit Crimp Terminal, Female, Tin (Sn) Plating, 16-14 AWG, Reel	768230321
Mega-Fit Crimp Terminal, Female, Tin (Sn) Plating, 12 AWG, Reel	768230322
Mega-Fit Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 16-14 AWG, Reel	1720630311
Mega-Fit Crimp Terminal, Female,	

0.38µm Gold (Au) Plating, 12 AWG, Reel	1720630312
Mega-Fit Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 16-14 AWG, Reel	1720631311
Mega-Fit Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 12 AWG, Reel	1720631312
Pre-Crimped Lead Mega-Fit Female-to-Mega-Fit Female, Gold (Au) Plating, 150.00mm Length, 16 AWG, Black	797582037
Pre-Crimped Lead Mega-Fit Female-to-Mega-Fit Female, Gold (Au) Plating, 300.00mm Length, 16 AWG, Black	797582038
Pre-Crimped Lead Mega-Fit Female-to-Mega-Fit Female, Gold (Au) Plating, 150.00mm Length, 12 AWG, Black	797582039
Pre-Crimped Lead Mega-Fit Female-to-Mega-Fit Female, Gold (Au) Plating, 300.00mm Length, 12 AWG, Black	797582040