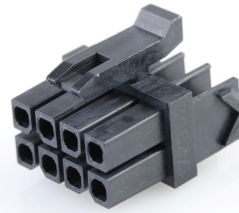# molex

Part Number : 1729520801

Product Description : Micro-Fit TPA Receptacle Housing, Dual Row, 8 Circuits, UL 94V-0, Low-Halogen, Black

Series Number : 172952

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings
Drawing 1729520801_sd.pdf
Packaging Design Drawing 1729520001-PK-000.pdf

3D Models and Design Files
3D Model 1729520801_stp.zip

Specifications
Product Specification 430450001-PS-KO-000.pdf
Product Specification 430450001-PS-SP-000.pdf
Product Specification PS-43045-001.pdf
Test Summary TS-43045-001-001.pdf
Test Summary TS-43045-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS

- REACH SVHC

- Low-Halogen

Part Details

General

Status	Active
Category	Connector Housings
Series	172952
Description	Micro-Fit TPA Receptacle Housing, Dual Row, 8 Circuits, UL 94V-0, Low-Halogen, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit TPA
UPC	889056429757

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon

Net Weight	0.621/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	3.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit TPA Dual Row Plug Housings	203632
Micro-Fit 3.0 Dual Row Plug Housings	43020
Micro-Fit 3.0 Dual Row Headers	43045

Use with Part(s)

Description	Part Number
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 150.00mm Length, 20 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797580002.html
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 150.00mm Length, 20 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797580004.html
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797580010.html
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/797580012.html
Micro-Fit Terminal Position Assurance (TPA) Retainers	172953
Micro-Fit 3.0 Female Crimp Terminals	43030

Micro-Fit Reduced Mating Force Female Crimp Terminals	46235

This document was generated on Oct 03, 2023