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Part Number: [1729521002](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit TPA Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Glow-Wire Capable, Black

Documents:

3D Model (PDF)	Test Summary 430450006-TS-000 (PDF)
3D Model	Test Summary TS-43045-001-001 (PDF)
Drawing (PDF)	Test Summary TS-43045-002-001 (PDF)
Product Specification PS-43045-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification 1729520001-PK-000 (PDF)	Product Literature (PDF)

Agency Certification

CSA	LR19980
UL	E29179

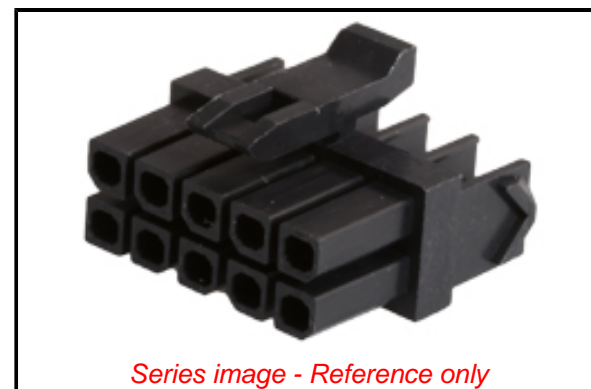
General

Product Family	Crimp Housings
Series	172952
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG This Molex product is manufactured from material that has the following ratings, tested by independent agencies: a) AGlow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12 and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.

Overview	Micro-Fit Connector System
Product Name	Micro-Fit TPA
UPC	889056429788

Physical

Circuits (maximum)	10
Color - Resin	Black
Flammability	94V-2
Gender	Receptacle
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.805/g
Number of Rows	2
Packaging Type	Bag



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Not 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

[172952](#) Series

Mates With

Micro-Fit 3.0 Plug Housing [43020](#) , [203632](#)

Micro-Fit 3.0 Header [43045](#)

Use With

Micro-Fit TPA Retainer [172953](#)
Micro-Fit 3.0 Female Terminal [43030](#)
Micro-Fit RMF Reduced Mating Force Terminal [46235](#)
Micro-Fit 3.0 Pre-Crimped Leads [797580002](#) , [797580004](#) , [797580010](#) , [797580012](#)

Panel Mount	No
Pitch - Mating Interface	3.00mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Material Info

Reference - Drawing Numbers

Packaging Specification	1729520001-PK-000
Product Specification	PS-43045-001
Sales Drawing	SD-172952-002-001
Test Summary	430450006-TS-000, TS-43045-001-001, TS-43045-002-001

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