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Part Number: [1729531002](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit Terminal Position Assurance (TPA) Retainer, 10 Circuits, 3.00mm Pitch, UL 94V-2, Glow-Wire Capable, Natural

Documents:

Drawing (PDF)	Packaging Specification 1729530001-PK-000 (PDF)
3D Model (PDF)	Test Summary TS-43045-001-001 (PDF)
3D Model	Test Summary TS-43045-002-001 (PDF)
Product Specification 430450001-PS-KO-000 (PDF)	Datasheet (PDF)
Product Specification 430450001-PS-SP-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-43045-001 (PDF)	

General

Product Family	Accessories
Series	172953
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.
Component Type	Terminal Position Assurance
Overview	Micro-Fit Connector System
Product Name	Micro-Fit TPA
UPC	889056430098

Physical

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.122/g
Number of Rows	1
Packaging Type	Bag
Temperature Range - Operating	-40° to +105°C

Material Info

Reference - Drawing Numbers

Packaging Specification	1729530001-PK-000
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[172953](#) Series

Use With

Micro-Fit TPA Receptacle Housing Low-Halogen [172952](#)
 Micro-Fit TPA Plug Housing [203632](#)

Product Specification

Sales Drawing

Test Summary

430450001-PS-KO-000, 430450001-PS-SP-000,

PS-43045-001

SD-172953-002-001

TS-43045-001-001, TS-43045-002-001

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