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Part Number: [15-97-7103](#)
Status: **Active**
Overview: Mini-Fit® TPA Plugs and Receptacles
Description: 4.20mm Pitch Mini-Fit® TPA Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 10 Circuits, Tin (Sn) Plating, without Drain Holes

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5556-003 \(PDF\)](#)
[Packaging Specification PK-30069-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72081037
UL E29179

General

Product Family PCB Headers
Series [30069](#)
Application Power, Wire-to-Board
Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current de-rating information.,
[Mini-Fit® TPA Plugs and Receptacles](#)
Overview
Product Name Mini-Fit® TPA
UPC 883906301071

Physical

Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
Color - Resin Black
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Polyester
Net Weight 2.942/g
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.80mm
Packaging Type Bag
Pitch - Mating Interface 4.20mm
Pitch - Termination Interface 4.20mm
Plating min - Mating 0.889µm
Plating min - Termination 0.889µm



image - Reference only

Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[30069Series](#)

Mates With
[30067](#) Mini-Fit TPA™ Receptacle Housing

Use With
Mini-Fit® TPA Receptacle Housing [30071](#) , [30072](#)

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	onlinecomponents.com
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Old Part Number	30069-10C1
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Reference - Drawing Numbers

Packaging Specification	PK-30069-001
Product Specification	PS-5556-003
Sales Drawing	SDA-30069-****

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