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Part Number: [0300690631](#)

Status: **Active**

Overview: Mini-Fit® TPA Plugs and Receptacles

Description: Mini-Fit® TPA Header, 4.20mm Pitch, Dual Row, Vertical, with PCB Mounting Pegs, 6 Circuits, Tin (Sn) Over Nickel (Ni) 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
UL E29179

General

Product Family PCB Headers
Series [30069](#)
Application Power, Wire-to-Board
Comments Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit
Overview [Mini-Fit® TPA Plugs and Receptacles](#)
Product Name Mini-Fit® TPA
UPC 822350400824

Physical

Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
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 1.857/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
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[30069](#) Series

Mates With

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

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 13.0A
Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-freeProcess Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 235

Material Info

Reference - Drawing Numbers

Packaging Specification PK-30069-001
Product Specification PS-5556-003, RPS-30068-001
Sales Drawing SD-30069-001

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