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**Part Number:** [0015977062](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® TPA Plugs and Receptacles  
**Description:** Mini-Fit® TPA Header, 4.20mm Pitch, Dual Row, Vertical, with PCB Mounting Flange, 6 Circuits, Tin (Sn) Plating without Drain Holes

**Documents:**

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

**Agency Certification**

CSA LR19980  
TUV R72081037  
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 800754202657

**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 Copper  
Material - Resin Polyester  
Net Weight 2.060/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  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Shrouded Partial



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contains SVHC(2014 December 17): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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

**Use With**

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

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	13.0A
Voltage - Maximum	600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info**

Old Part Number	30069-06A1
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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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