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Part Number: [0015977023](#)
Status: **Active**
Overview:
Description: 4.20mm (.165") Pitch Mini-Fit TPA™ Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 2 Circuits, Tin (Sn) Plating, without Drain Holes

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

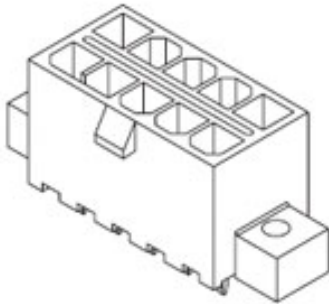
[Product Specification PS-5556-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [30069](#)
Application Wire-to-Board
Comments Square Pin|Solder Type|High Vibration Application
Overview Mini-Fit TPA™#153;
Product Name Mini-Fit TPA™

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
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
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.070 In
PCB Thickness Recommended (mm) 1.80 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.165 In
Pitch - Mating Interface (mm) 4.20 mm
Pitch - Term. Interface (in) 0.165 In
Pitch - Term. Interface (mm) 4.20 mm
Plating min: Mating (µin) 35
Plating min: Mating (µm) 0.90
Plating min: Termination (µin) 35
Plating min: Termination (µm) 0.90
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
Termination Interface: Style Through Hole



Series image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



Not Reviewed
Need more information on product environmental compliance?

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

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

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

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

Electrical

CSA	LR19980
Current - Maximum	9A
TUV	R72081037
UL	E29179
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	30069-02C1
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Reference - Drawing Numbers

Product Specification	PS-5556-003
Sales Drawing	SDA-30069-****

This document was generated on 11/06/2009

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