

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [15-97-7123](#)
Status: **Active**
Overview: [Mini-Fit® TPA Plugs and Receptacles](#)
Description: Mini-Fit® TPA Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-in Plastic Peg
PCB Lock, 12 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.
Overview	Mini-Fit® TPA Plugs and Receptacles
Product Name	Mini-Fit® TPA
UPC	883906301088

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	3.446/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

[1597-5041](#) Receptacle

Use With

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

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

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	30069-12C1
-----------------	------------

Reference - Drawing Numbers

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

This document was generated on 10/07/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION