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Part Number:

0015978102

Status:

Active

Overview:

Mini-Fit TPA2 Plugs and Receptacles

Description:

4.20mm Pitch, Mini-Fit® TPA Header, Dual Row, Right Angle, with PCB Mounting Flange, 10 Circuits, Tin (Sn) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001-001 (PDF)

Product Specification PS-5556-003 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

30070

Power, Wire-to-Board

Current for wire-to-wire applications = 13.0A max. per circuit. Current for wire-to-board applications = 9.0A max. per circuit

Overview

Product Name

UPC

Mini-Fit TPA2 Plugs and Receptacles

Mini-Fit® TPA

800754202954

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

No

10

10

Black

30

No

94V-0

No

No

None

Yes

Brass

Tin

Tin

Polyester

4.718/g

2

Right Angle

4.10mm

Yes

Yes

1.80mm

Tray

4.20mm

4.20mm

Yes

Yes

Partial

No

No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

30070 Series

Mates With

30067 Mini-Fit TPA™ Receptacle Housing

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-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Engineering Number	30070-10A3
Reference - Drawing Numbers	
Product Specification	PS-45750-001-001, PS-5556-003
Sales Drawing	SD-30070-001-000

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