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Part Number:

15-97-8102

Status:

Active

Overview:

Mini-Fit® TPA Plugs and Receptacles

Description:

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

Documents:

3D Model

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Product Specification PS-5556-003 (PDF)

Packaging Specification PK-30070-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

TUV

R72081037

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

30070

Power, Wire-to-Board

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-5556-003 for additional current de-rating information.

Overview

Product Name

UPC

Mini-Fit® TPA 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

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



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

30070Series

Mates With

Mini-Fit® TPA Receptacle Housing 30067

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	260
Material Info	
Old Part Number	30070-10A3
Reference - Drawing Numbers	
Packaging Specification	PK-30070-001
Product Specification	PS-45750-001, PS-5556-003
Sales Drawing	SD-30070-001

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