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Part Number:

15-97-8082

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, 8 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

PCB Headers

Series

30070

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

Overview

Mini-Fit® TPA Plugs and Receptacles

Product Name

Mini-Fit® TPA

UPC

800754202930

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

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

3.907/g

Number of Rows

2

Orientation

Right Angle

PC Tail Length

4.10mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.80mm

Packaging Type

Tray

Pitch - Mating Interface

4.20mm

Pitch - Termination Interface

4.20mm

Polarized to Mating Part

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	30070-08A3
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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