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Part Number:

15-97-8107

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, Gold (Au) Plating



Series

image - Reference only

- Documents:
- 3D Model

Product Specification PS-5556-003 (PDF)
- Drawing (PDF)

Packaging Specification PK-30070-001 (PDF)
- Product Specification PS-45750-001 (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	800754913560

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	Gold
Material - Plating Termination	Gold
Material - Resin	Polyester
Net Weight	4.643/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

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	30070-10A1
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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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