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Part Number: 30070-1625

Status: Active

Overview: Mini-Fit® TPA Plugs and Receptacles

Description: 4.20mm Pitch Mini-Fit® TPA Header, Dual Row, Right Angle, with PCB Mounting

Flange, 16 Circuits, Tin (Sn) Plating

Documents:

3D Model Packaging Specification PK-30070-001 (PDF)

<u>Drawing (PDF)</u> <u>RoHS Certificate of Compliance (PDF)</u>

Product Specification PS-5556-003 (PDF)

Agency Certification

CSA LR19980 TUV R72081037 UL E29179

General

Product Family PCB Headers

Series <u>30070</u>

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-5556003 for additional current

de-rating information.

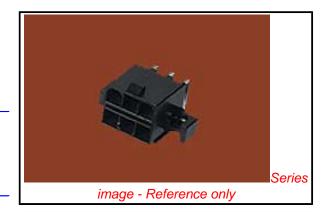
Overview Mini-Fit® TPA Plugs and Receptacles

Product Name Mini-Fit® TPA UPC 822350656917

Physical

Breakaway No Circuits (Loaded) 16 Circuits (maximum) 16 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 7.155/q

Number of Rows Orientation Right Angle 4.10mm PC Tail Length **PCB** Locator Yes **PCB** Retention Yes PCB Thickness - Recommended 1.78mm 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



Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the <u>Contact Us</u> 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

Reference - Drawing Numbers

Packaging Specification PK-30070-001

Product Specification PS-5556-003, RPS-30068-001

Sales Drawing SD-30070-001

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