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Part Number: [15-97-8022](#)
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, 2 Circuits, Tin (Sn) Plating

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 | 800754202831 |

Physical

| | |
|--------------------------------|-------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| 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 | 1.381/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 | Bag |
| Pitch - Mating Interface | 4.20mm |
| Pitch - Termination Interface | 4.20mm |
| Polarized to Mating Part | Yes |



image - Reference only

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 | 30070-02A3 |
|-----------------|------------|

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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