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Part Number: [0353182020](#)
Status: **Active**
Overview: [Mini-Fit Jr. Power Connectors](#)
Description: 4.20mm Pitch Mini-Fit Header, Dual Row, Right-Angle, 20 Circuits, PA Polyamide (Nylon) 6/6 94V-2, White

Documents:

| | |
|--------------------------------|--|
| Drawing (PDF) | Product Specification PS-35317-001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-35318-001-001 (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |

Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

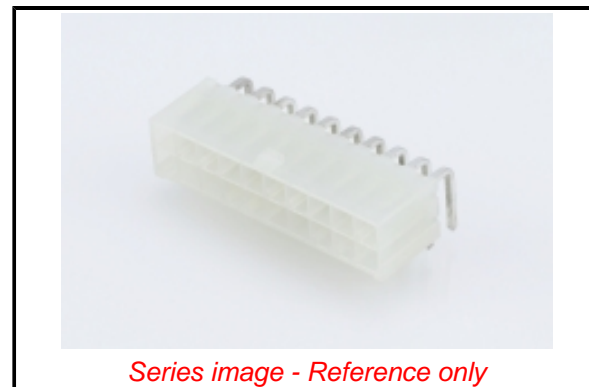
General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 35318 |
| 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-45750-001 for additional current de-rating information. |

| | |
|--------------|---|
| Overview | Mini-Fit Jr. Power Connectors |
| Product Name | Mini-Fit |
| UPC | 800753931107 |

Physical

| | |
|--------------------------------|-------------|
| Breakaway | No |
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-2 |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 6.721/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| PC Tail Length | 4.00mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Bag |
| Pitch - Mating Interface | 4.20mm |
| Plating min - Mating | 5.080µm |
| Plating min - Termination | 5.080µm |
| Polarized to PCB | No |
| Shrouded | Partial |
| Stackable | No |



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[35318](#) Series

Mates With

[5557](#) Mini-Fit Jr. Receptacle Housing, Mini-Fit TPA2 Receptacle Housing [172708](#)

| | |
|--------------------------------|----------------|
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
| Voltage - Maximum | 250V |

Material Info**Reference - Drawing Numbers**

| | |
|-------------------------|-------------------|
| Packaging Specification | PK-35318-001-001 |
| Product Specification | PS-35317-001-001 |
| Sales Drawing | SD-35318-XXXX-001 |

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