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**Part Number:** [0353170620](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr. Power Connectors](#)  
**Description:** 4.20mm Pitch Mini-Fit Header, Dual Row, Vertical, 6 Circuits, PA Polyamide (Nylon) 6/6 94V-2, White

**Documents:**

[3D Model](#) [Packaging Specification PK-35317-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-35317-001-001 \(PDF\)](#)

**Agency Certification**

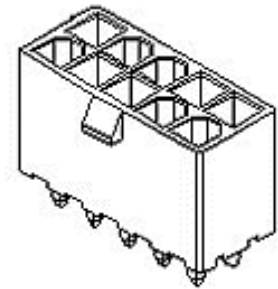
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [35317](#)  
 3D Viewer Yes  
 Application Power, Wire-to-Board  
 CURRENT-MAX-NUMERIC 13.0  
 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.  
 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](#)  
 PITCH-MATING-NUMERIC 4.20  
 Product Name Mini-Fit  
 UPC 800754239325

**Physical**

Breakaway No  
 Circuits (Loaded) 6  
 Circuits (maximum) 6  
 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 1.653/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 3.50mm  
 PCB Locator Yes  
 PCB Retention None



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[35317](#) Series

**Mates With**

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

PCB Thickness - Recommended	1.60mm
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Polarized to PCB	No
Shrouded	Partial
Stackable	No
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-35317-001-001
Product Specification	PS-35317-001-001
Sales Drawing	353171020-000

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