



Part Number : [437600001](#)
Product Description : Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, Nylon 6/6 UL 94V-2, 36 Circuits
Series Number : 43760
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

[437600001_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[PK-40873-0134-001.pdf](#)

[437590001-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC

- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Connector Housings
Series	43760
Description	Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, Nylon 6/6 UL 94V-2, 36 Circuits
Application	Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. See Molex product specification PS-45750-001 for additional current derating information. Must be used with HCS female terminal.
Product Name	Mini-Fit BMI
UPC	800753683341

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	36
Color - Resin	Natural
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	No
Material - Resin	Nylon
Net Weight	10.440/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit BMI Plug Housing, 4.20mm Pitch, Dual Row, with Panel Mount Ears, 36 Circuit	<u>437700001</u>
Mini-Fit BMI Right-Angle Dual Row Headers	<u>43759</u>
Mini-Fit Jr. BMI Vertical, Dual Row, First Mate / Last Break Headers	<u>43693</u>

Use with Part(s)

Description	Part Number
Pre-Crimped Lead Mini-Fit Female-to-Mini-Fit Female, Tin	<u>797580001</u>

(Sn) Plating, 150.00mm Length, 18 AWG, Red	
Pre-Crimped Lead Mini-Fit Female-to-Mini-Fit Female, Tin (Sn) Plating, 300.00mm Length, 18 AWG, Red	<u>797580009</u>
Mini-Fit Female Crimp Terminals	<u>5556</u>
Mini-Fit Plus Female Crimp Terminals	<u>45750</u>

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