



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



## Documents & Resources


**Drawings**  
[437600001\\_sd.pdf](#)

**3D Models and Design Files**  
[437600001\\_stp.zip](#)

**Specifications**  
[PK-40873-0134-001.pdf](#)  
[437590001-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

Multiple Part Industry Compliance Documents  
- IPC 1752A Class C  
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### 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, PA Polyamide Nylon 6/6, UL 94V-2, 36 Circuits
Application	Power, 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
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Nylon
Net Weight	10.440/g

Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating 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 (Sn) Plating, 150.00mm Length, 18 AWG, Red	<u>797580001</u>
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>