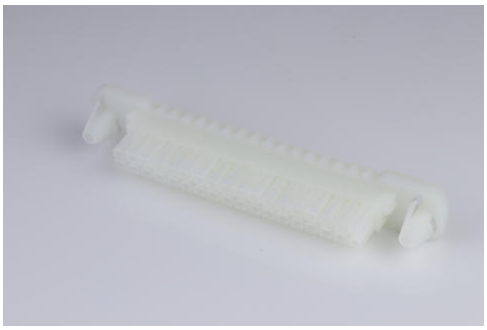
Part Number : 437600001
Product Description : Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, Nylon 6/6 UL 94V-2, 36 Circuits
Series Number : 43760
Status : Active
Product Category : Connector Housings



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)4165-DC (25 June 2025)
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	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
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
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
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

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	437700001
Mini-Fit BMI Right-Angle Dual Row Headers	43759
Mini-Fit Jr. BMI Vertical, Dual Row, First Mate / Last Break Headers	43693

Use with Part(s)

Description	Part Number
Pre-Crimped Lead Mini-Fit	797580001

Female-to-Mini-Fit Female, Tin (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	797580009
Mini-Fit Female Crimp Terminals	5556
Mini-Fit Plus Female Crimp Terminals	45750