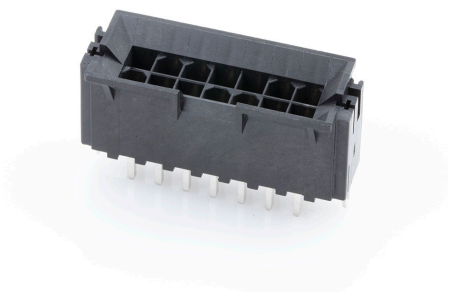
Part Number : 440680061

Product Description : Mini-Fit BMI, 260C Wave Solderable, 4.20mm Pitch, Dual Row, Vertical, for 1.60mm PCB, 14 Circuits, Gold (Au) Plating, with Solderable Retention Clip

Series Number : 44068

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

440680061_sd.pdf

PK-43879-001-000.pdf

3D Models and Design Files

440680061_stp.zip

Specifications

PS-43810-001-001.pdf

PS-45750-001-001.pdf

TS-43879-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44068
Description	Mini-Fit BMI, 260C Wave Solderable, 4.20mm Pitch, Dual Row, Vertical, for 1.60mm PCB, 14 Circuits, Gold (Au) Plating, with Solderable Retention Clip
Application	Board-to-Board, 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.
Component Type	PCB Header
Product Name	Mini-Fit BMI
UPC	800756049540

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Capable	No
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	6.952/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	4.42mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.40mm
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit BMI Vertical Dual Row Receptacle Headers	42385
Mini-Fit BMI Dual Row Receptacle Housings	42474
Mini-Fit HCS Vertical Dual Row PCB Receptacles	44475
Mini-Fit BMI Dual Row Receptacle Housings	44516
Mini-Fit Jr. Receptacle Housings	5557

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

0190690033 0436802002 152670251 436803002 151660057 190730231 151670255 190690096
439151216 190990010 417920538 447642001 5046940301 0190700155 0436400901 190990009
459705185 152660117 152670269 152670357 430450225 760475001 398800403 430451220 447641402
447691602 190670071 397730002 444280402 759001161