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Part Number: [0440680055](#)

Status: **Active**

Overview: [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)

Description: Mini-Fit® BMI, 260C Wave Solderable, 4.20mm Pitch, Dual Row, Vertical, for 1.60mm PCB, 24 Circuits, Tin (Sn) Plating, with Solderable Retention Clip

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-43810-001 \(PDF\)](#)

[Product Specification PS-45750-001 \(PDF\)](#)

[Test Summary TS-43879-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [44068](#)
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.
Overview [Mini-Fit® Blind Mate Interface \(BMI\) Connectors](#)
Product Name Mini-Fit® BMI
UPC 800753962859

Physical

Breakaway No
Circuits (Loaded) 24
Circuits (maximum) 24
Color - Resin Black
Durability (mating cycles max) 30
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 10.776/g
Number of Rows 2
Orientation Vertical
PC Tail Length 4.42mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 2.40mm
Packaging Type Tray
Pitch - Mating Interface 4.20mm
Pitch - Termination Interface 4.20mm
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
Polarized to PCB Yes
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

Green Image
Not Relevant

Search Parts in this Series

[44068](#) Series

Mates With

[42385](#) , [42474](#) , [44475](#) , [44516](#) , [5557](#) Dual Row

Termination Interface: Style Through Hole

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
Lead-freeProcess Capability WAVE
Max. Cycles at Max. Process Temperature 001
Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

Product Specification PS-43810-001, PS-45750-001
Sales Drawing SD-44068-031
Test Summary TS-43879-001

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