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Part Number: **0445160013**
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit BMI Receptacle Housing, 4.20mm Pitch, Dual Row, Panel Mount, Slide-and-Lock, PBT Polyester, UL 94V-0, 36 Circuits

Documents:

3D Model (PDF)	Product Specification PS-45750-001-001 (PDF)
3D Model	Product Specification PS-5556-002-001 (PDF)
Drawing (PDF)	Packaging Specification PK-44516-003-001 (PDF)
Product Specification 55560002-PS-CH-000 (PDF)	Test Summary TS-5556-002-001 (PDF)
Product Specification 55560002-PS-ES-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 55560002-PS-SK-000 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	44516
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.
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit BMI
Taxonomy	Connector Housings
UPC	800756508962

Physical

Circuits (maximum)	36
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Polyester
Net Weight	9.338/g
Number of Rows	2
Packaging Type	Tray
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

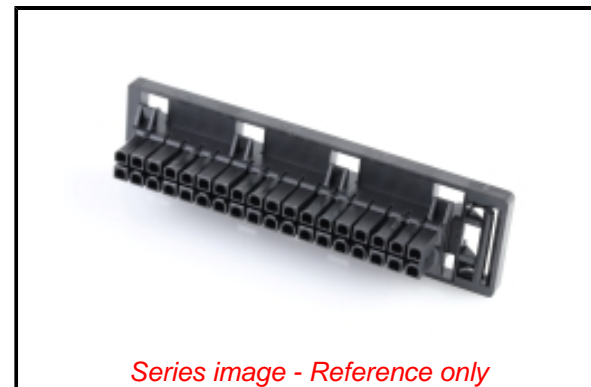
Electrical

Current - Maximum per Contact	13.0A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44516-003-001
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[44516](#) Series

Mates With

[43770](#) Mini-Fit Plug, Mini-Fit Header [43759](#) ,
[45567](#) , [43693](#)

Use With

Mini-Fit Female Crimp Terminals [5556](#)

Mini-Fit Plus HCS Crimp Terminal
[45750](#)
Mini-Fit Pre-Crimped Leads
[797580001](#) , [797580009](#)

Product Specification

Sales Drawing

Test Summary

55560002-PS-CH-000, 55560002-PS-ES-000,
55560002-PS-SK-000, PS-45750-001-001,
PS-5556-002-001
SD-44516-006-001
TS-5556-002-001

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