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Part Number: **0445160012**
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, 24 Circuits

Documents:

Drawing (PDF)	Product Specification PS-45750-001-001 (PDF)
3D Model (PDF)	Product Specification PS-5556-002-001 (PDF)
3D Model	Packaging Specification PK-44516-002-000 (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.
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit BMI
UPC	756054224441

Physical

Circuits (maximum)	24
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Resin	Polyester
Net Weight	9.300/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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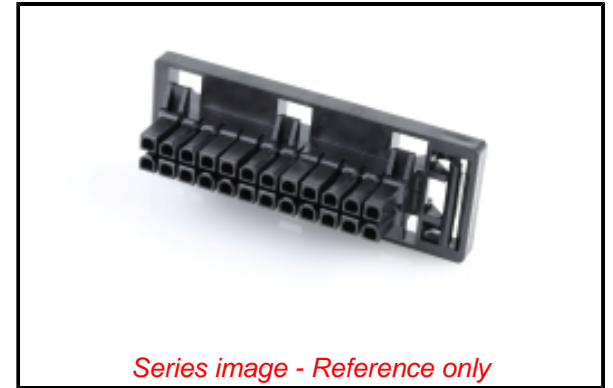
Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-44516-002-000
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Pyrene
Fluoranthene
Tris(4-nonylphenyl,
branched and linear)
phosphi
Boric acid
diisohexyl phthalate
Terphenyl,
hydrogenated
1,3-Propanesultone
Dibutyltin-dichloride
Benzo(ghi)perylene
Phenanthrene
Dicyclohexyl-
phthalate
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous Acid, Lead
Salt, Dibasic
Cadmium Hydroxide
Cyanamide, lead(2+)
salt (1:1)
Lead titanium
zirconium oxide
Dioxobis(stearato)trilead
Tetralead-trioxide-
sulphate
Trilead-dioxide-
phosphonate
Pentalead-tetraoxide-
sulphate
Lead-dinitrate
pyrochlore, antimony
lead yellow
Diboron-trioxide

China RoHS

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-44516-005-001
TS-5556-002-001

Diarsenic-trioxide

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[44516](#) Series

Mates With

[42475](#) Mini-Fit Plug, Mini-Fit Header [42404](#) ,
[42440](#) , [44068](#) , [43879](#) , [43810](#) , [43759](#)

Use With

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

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

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