

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-45750-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Specification PS-5556-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-44516-003-001 (PDF)</a>
<a href="#">Product Specification 55560002-PS-CH-000 (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">Product Specification 55560002-PS-ES-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 55560002-PS-SK-000 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<u>44516</u>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <u>45750</u> 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	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit BMI
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

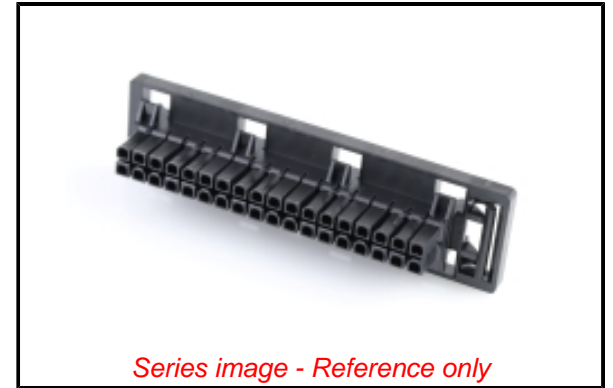
**Electrical**

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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*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 (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>), 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-44516-006-001  
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**

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

**Use With**

Mini-Fit Female Crimp Terminals [5556](#)  
<br>Mini-Fit Plus HCS Crimp Terminal  
[45750](#) <br>Mini-Fit Pre-Crimped Leads  
[797580001](#) , [797580009](#)

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