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**Part Number:** [15-06-0040](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® Blind Mate Interface (BMI) Connectors  
**Description:** Mini-Fit® BMI Receptacle Housing, 4.20mm Pitch, Dual Row with Panel Mount Ears, PA Polyamide Nylon 6/6, UL 94V-2, 4 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-42474-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-5556-002 (PDF)</a>
<a href="#">Product Specification PS-45750-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-5556-002 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">42474</a>
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
MolexKits	Yes
Overview	<a href="#">Mini-Fit® Blind Mate Interface (BMI) Connectors</a>
Product Name	Mini-Fit® BMI
UPC	800753605046

**Physical**

Breakaway	No
Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-2
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Resin	Nylon
Net Weight	3.273/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

**Electrical**

Current - Maximum per Contact	13A
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**Material Info**

Old Part Number	42474-0411
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**Reference - Drawing Numbers**

Packaging Specification	PK-42474-001
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<b>EU RoHS</b> <b>ELV and RoHS Compliant</b> <b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Low-Halogen</b>	<b>China RoHS</b> 
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**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[42474Series](#)

**Mates With**

[42475](#) Mini-Fit® BMI Plug Housing. [43879](#) Mini-Fit® CPI Header. Mini-Fit® BMI Header [42404](#) , [42440](#). Mini-Fit® SMC Surface Mount Compatible Header [43810](#) , [44068](#)

**Use With**

[5556](#) Mini-Fit® Female Crimp Terminals, [45750](#) Mini-Fit® Plus HCS Crimp Terminal

Product Specification  
Sales Drawing  
Test Summary

PS-45750-001, PS-5556-002  
SD-42474-\*\*\*\*  
TS-5556-002

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