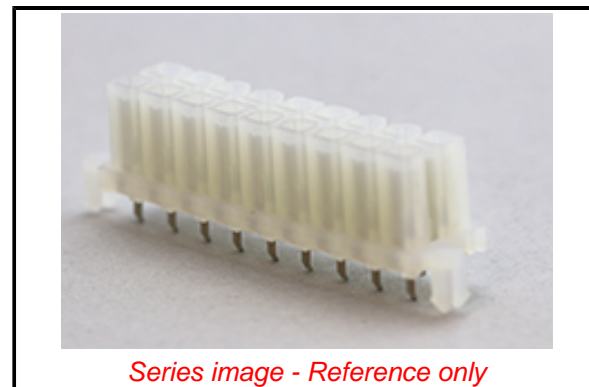


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0015247180](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Products](#)  
**Description:** Mini-Fit BMI Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-In Plastic Pegs, Post 2.54µm Tin (Sn), UL 94V-2, 18 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-42385-999 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary 423850000-TS-000 (PDF)</a>
<a href="#">Product Specification PS-5556-002-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-5556-002-001 (PDF)</a>	



*Series image - Reference only*

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">42385</a>
Application	Board-to-Board, Power
Comments	Solder Type With Pegs, Solder Type With Pegs
Overview	<a href="#">Mini-Fit Products</a>
Product Name	Mini-Fit BMI
UPC	800754209526

**Physical**

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-2
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Resin	Nylon
Net Weight	3.665/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	9.0A
Grounding to PCB	No
Voltage - Maximum	600V AC (RMS)/DC

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**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**

[42385](#) Series

**Mates With**

[42475](#) Panel Mount Plug, [42404](#) Right Angle Header, [42440](#) Vertical Header, [43879](#) Vertical Header, [44068](#) Vertical Header

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

**Material Info**

Engineering Number	42385-18A1
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**Reference - Drawing Numbers**

Packaging Specification	PK-42385-999
Product Specification	PS-5556-002-001, TS-5556-002-001
Sales Drawing	SDA-42385-X
Symbol/Footprint Data	SYM-A42385-18XX
Test Summary	423850000-TS-000

This document was generated on 03/22/2019

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