

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0015247100](#)
Status: **Active**
Description: 4.20mm (.165") Pitch Mini-Fit BMI™ Receptacle Header, Dual Row, Vertical, with Snap-In Plastic Pegs, Post 2.54Åµm (100Åµ") Tin (Sn), UL 94V-2, 10 Circuits

Documents:

[3D Model](#)
[Packaging Specification \(PDF\)](#)
[Drawing \(PDF\)](#)
[Product Specification PS-5556-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [42385](#)
Application Board-to-Board
Product Name Mini-Fit BMI™

Physical

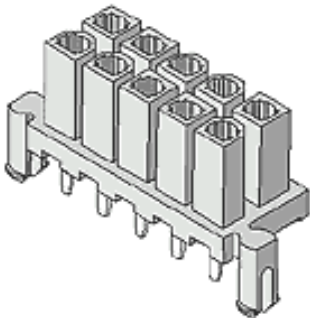
Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
Color - Resin Natural
Durability (mating cycles max) 30
Flammability 94V-2
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Resin Nylon
Number of Rows 2
Orientation Vertical
PC Tail Length (in) 0.138 In
PC Tail Length (mm) 3.50 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.070 In
PCB Thickness Recommended (mm) 1.80 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.165 In
Pitch - Mating Interface (mm) 4.20 mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Partial
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

Electrical

CSA LR19980
Current - Maximum 7A
UL E29179
Voltage - Maximum 600V

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



**Need more information on product
environmental compliance?**

Email 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
[42385Series](#)

Mates With
[44068](#) , [42404](#) , [44474](#) , [43810](#) , [42440](#) ,
[43879](#) , [42475](#)

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	240
Material Info	
Old Part Number	42385-10A1
Reference - Drawing Numbers	
Product Specification	PS-5556-002
Sales Drawing	SDA-42385-*

This document was generated on 02/10/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION