

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0452802252

Status:

Active

Overview:

Micro-Fit Connector System

Description:

Micro-Fit BMI CPI Compliant Pin Header, Blind Mate Interface, Dual Row, Vertical, 22 Circuits, PA Polyamide Nylon 4/6, UL 94V-0, 0.38µm Gold (Au) Selective Contact Plating, Tin (Sn) Tail Plating

Documents:

3D Model

Test Summary TS-45280-001-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-44300-001-001 (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

UL

E29179

Application tooling part link

Application Tooling Part Link

62200-2700

Application Tooling Part Link

62200-8400

Application Tooling Part Link

62203-0450

General

Product Family

PCB Headers

Series

45280

Application

Board-to-Board, Power, Wire-to-Board

CURRENT-MAX-NUMERIC

8.5

Overview

Micro-Fit Connector System

PITCH-MATING-NUMERIC

3.00

Product Literature Order No

987650-5984

Product Name

Micro-Fit BMI CPI

UPC

822350791861

Physical

Breakaway

No

Circuits (Loaded)

22

Circuits (maximum)

22

Color - Resin

Black

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

Yes

Lock to Mating Part

None

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

3.696/g

Number of Rows

2

Orientation

Vertical

PC Tail Length

4.80mm

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Tray

Pitch - Mating Interface

3.00mm

Plating min - Mating

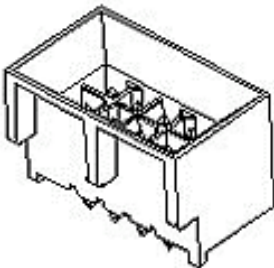
0.381µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

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

45280 Series

Mates With

441332200 Micro-Fit BMI Panel Mount

Receptacle Housing, 447692202 Micro-Fit

BMI Vertical Receptacle Header, 447642202

Micro-Fit BMI Right Angle Receptacle

Header

Application Tooling | FAQ

Tooling specifications and manuals are

found by selecting the products below.

Crimp Height Specifications are then

contained in the Application Tooling

Specification document.

Global	
Description	Product #
Insertion Tool for	622002700
Micro-Fit BMI CPI	
Header Assemblies	
Compliant Pin	622008400
Insertion Flat Rock	
Tool	
Removal Tool	622030450

Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	8.5A
Voltage - Maximum	600V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-44300-001-001
Sales Drawing	SD-45280-002
Symbol/Footprint Data	SYM-45280-2201
Test Summary	TS-45280-001-001

This document was generated on 09/24/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

45280-2252