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Part Number:

45280-0801

Status:

Active

Overview:

Micro-Fit 3.0™ Connectors

Description:

Micro-Fit BMI CPI™ Compliant Pin Header, Blind Mate Interface, Dual Row, Vertical, 8 Circuits, PA Polyamide Nylon 4/6, UL 94V-0, Tin (Sn) Over Nickel (Ni) Plating

Documents:

3D Model

Drawing (PDF)

Product Specification PS-44300-001 (PDF)

Test Summary TS-45280-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification

CSA

LR19980

TUV

R72081037

UL

E29179

General

Product Family

PCB Headers

Series

45280

Application

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

Application Tooling Part Link

62200-2700

Application Tooling Part Link

62200-8400

Application Tooling Part Link

62203-0450

Overview

Micro-Fit 3.0™ Connectors

Product Literature Order No

987650-5984

Product Name

Micro-Fit BMI CPI™

UPC

756054634554

Physical

Breakaway

No

Circuits (Loaded)

8

Circuits (maximum)

8

Color - Resin

Black

Durability (mating cycles max)

30

Flammability

94V-0

Glow-Wire Compliant

No

Guide to Mating Part

Yes

Lock to Mating Part

None

Material - Metal

High Performance Alloy (HPA)

Material - Plating Mating

Tin

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

1.822/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

5.080µm

Plating min - Termination

5.080µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Shrouded

Fully

Stackable

No

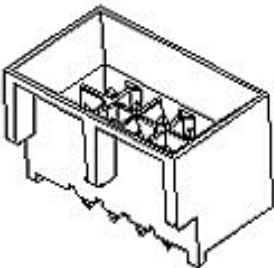


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

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

45280Series

Mates With

44133-0800 Micro-Fit BMI™ Panel Mount Receptacle Housing, 44764-0801 Micro-Fit BMI™ Right Angle Receptacle Header, 44769-0801 Micro-Fit BMI™ Vertical 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 Micro-Fit BMI CPI™ Header Assemblies	0622002700
Removal Tool	0622030450
Compliant Pin	0622008400
Insertion Flat Rock Tool	

Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	5A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Product Specification	PS-44300-001, RPS-44300-001
Sales Drawing	SD-45280-002
Test Summary	TS-45280-001

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