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Part Number:

0452800652

Status:

Active

Overview:

Micro-Fit Connector System

Description:

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

Documents:

3D Model (PDF)

Drawing (PDF)

3D Model

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

Packaging Specification PK-45280-002-001 (PDF)

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

Datasheet (PDF)

Symbol Footprint Data SYM-45280-0601-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

UL

LR19980

E29179

Application tooling part link

Application Tooling Part Link

Application Tooling Part Link

Application Tooling Part Link

62200-2700

62200-8400

62203-0450

General

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

45280

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

Micro-Fit Connector System

Micro-Fit BMI CPI

822350106252

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Guide to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

No

6

6

Black

30

94V-0

No

Yes

None

High Performance Alloy (HPA)

Gold

Tin

High Temperature Thermoplastic

1.548/g

2

Vertical

4.80mm

Yes

Yes

Tray

3.00mm

0.381µm

2.540µm

Yes

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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

441330600 Micro-Fit BMI Panel Mount Receptacle Housing, 447690602 Micro-Fit BMI Vertical Receptacle Header, 447640602 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 Micro-Fit BMI CPI Header Assemblies

622002700

Compliant Pin Insertion Flat Rock Tool

622008400

Removal Tool

622030450

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	
Packaging Specification	PK-45280-002-001
Product Specification	PS-44300-001-001
Sales Drawing	SD-45280-002-001
Symbol/Footprint Data	SYM-45280-0601-001
Test Summary	TS-45280-001-001

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Authorized Distributor

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[45280-0652](#)