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Part Number:

45280-1603

Status:

Active

Overview:

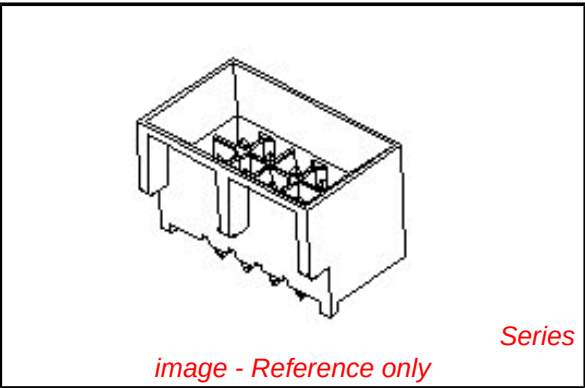
Micro-Fit 3.0™ Connectors

Description:

3.00mm Pitch Micro-Fit 3.0 BMI CPI™ Compliant Pin Header, Blind Mate Interface, Dual Row, Vertical, 16 Circuits, PA Polyamide Nylon 4/6, UL 94V-0, 0.76µm Gold (Au) Selective Contact Plating, Tin/Lead (Sn/Pb) Tail Plating

Documents:	
3D Model	Test Summary TS-45280-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-44300-001 (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	622008400
Application Tooling Part Link	622030450
Overview	Micro-Fit 3.0™ Connectors
Product Literature Order No	987650-5984
Product Name	Micro-Fit 3.0 BMI CPI™
UPC	756054635001
Physical	
Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	2.984/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	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No



EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS

Pb

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

44133-1600 Panel Mount Receptacle, 44769-1603 Vertical Receptacle Header, 447641603 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 #
Compliant Pin	0622008400
Insertion Flat Rock Tool	
Removal Tool	0622030450

Temperature Range - Operating

Termination Interface: Style

-40°C to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Voltage - Maximum

5A

250V

Solder Process Data

Replacement RoHS Compliant Part Number

0452801653

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

Test Summary

PS-44300-001, RPS-44300-001

SD-45280-001

TS-45280-001

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