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Part Number: [0442810009](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Jr. Test Plug, Dual Row, 20 Circuits](#)

Documents:

Drawing (PDF)	Packaging Specification PK-44281-001-001 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
3D Model (PDF)	Product Literature (PDF)
Product Specification PS-44281-001-001 (PDF)	

General

Product Family	PCB Headers
Series	44281
Application	Board-to-Board, Signal, Wire-to-Board
Overview	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	800754836425

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Durability (mating cycles max)	10000
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	24.680/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	6.35mm
PCB Locator	No
PCB Retention	None
Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 6(c)

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

China RoHS

ELV

50 Image

RoHS Phthalates

Not Relevant

Not Contained

Search Parts in this Series

[44281 Series](#)

Mates With

[42474](#) , [44516](#) , [5557](#) Dual Row
[172708](#)
Mini-Fit TPA2 Receptacle Housing

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-44281-001-001

PS-44281-001-001

SD-44281-001-001

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