

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0442810008

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Jr. Test Plug, Dual Row, 18 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	800754836418
Physical	
Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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	22.858/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-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	

EU ELV	
Not Relevant	
EU RoHS	China 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	50 Image
ELV	Not Relevant
RoHS Phthalates	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	PK-44281-001-001
Product Specification	PS-44281-001-001
Sales Drawing	SD-44281-001-001

This document was generated on 11/04/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[44281-0008](#)