

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0442810005](#)
Status: **Active**
Overview: [Mini-Fit Products](#)
Description: Mini-Fit Jr. Test Plug, Dual Row, 12 Circuits

Documents:

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

General

Product Family	PCB Headers
Series	44281
Application	Board-to-Board, Signal, Wire-to-Board
Overview	Mini-Fit Products
Product Name	Mini-Fit Jr.
UPC	800754834865

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	14.808/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

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

Product Specification

Sales Drawing

PS-44281-001-001

SD-44281-001

This document was generated on 05/13/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION