

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0442810012](#)
Status: **Active**
Overview: [Mini-Fit® Products](#)
Description: Mini-Fit® Jr. Test Plug, Dual Row, 36 Circuits

Documents:

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

General

Product Family	PCB Headers
Series	44281
Application	Board-to-Board, Signal, Wire-to-Board
Overview	Mini-Fit® Products
Product Literature Order No	987650-6187
Product Name	Mini-Fit Jr.™
UPC	800754836456

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
Durability (mating cycles max)	10,000
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Net Weight	44.424/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°C 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/Exempted

REACH SVHC

Contains SVHC(2015 June 15): No

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS
ELV

China RoHS
50 Image
Not Relevant

Search Parts in this Series

[44281](#) Series

Mates With

[42474](#) , [44516](#) , [5557](#) Dual Row

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-44281-001

SD-44281-001

This document was generated on 07/21/2015

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION