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Part Number:

0444741821

Status:

Active

Overview:

minifit_plus_hcs

Description:

4.20mm Pitch Mini-Fit® HCS™ Header, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Peg PCB Lock, 18 Circuits, PA Polyamide Nylon 6/6 94V-0, without Drain Holes, Halogen Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-44476-001 (PDF)

RoHS Certificate of Compliance (PDF)

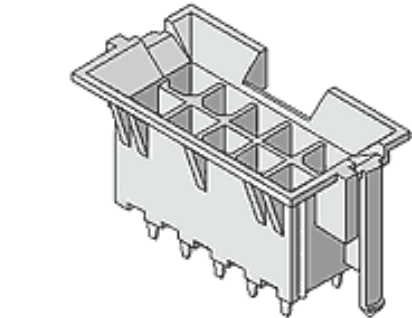


image - Reference onlySeries

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	44474
Application	Board-to-Board, Power, Wire-to-Board
Comments	Square Pin Solder Type
Overview	minifit_plus_hcs
Product Name	Mini-Fit® HCS

Physical	
Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural (White)
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
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	11A
Voltage - Maximum	600V

Solder Process Data

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS

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

44474Series

Mates With

42474 , 44475 , 44516 , 5557d

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	235

Material Info

Reference - Drawing Numbers

Product Specification	PS-44476-001, RPS-44476-001
Sales Drawing	SDA-44474-****

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