

Part Number: 44472-0454

Image not available

Mates With Part(s): 5557 Dual Row

General

Category	PCB Headers
Series	44472
Application	Power, Wire-to-Board
Comments	Square Pin, Solder Type
Overview	Mini-Fit® Plus HCS
Product Name	Mini-Fit® HCS
UPC	800754366946

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-2
Glow-Wire Compliant	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin

Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	1.261/g
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
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	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	11.0A
Voltage - Maximum	600V

Agency Certification

Please find UL Certificates by searching the UL Database using the Molex Series Number.

CSA	LR19980
UL	E29179

Solder Process Data

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	260

Material Info

Old Part Number	A-44472-0454
------------------------	--------------