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Part Number:

0444720454

Status:

Active

Overview:

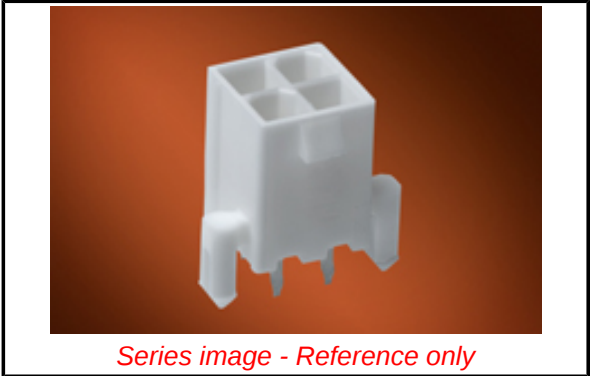
Mini-Fit® Plus HCS

Description:

Mini-Fit® HCS Header, 4.20mm Pitch, Dual Row, Vertical, without Snap-in Plastic Peg  
PCB Lock, 4 Circuits, PA Polyamide Nylon 6/6 94V-2, without Drain Holes

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Documents:                    |                                                          |
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-44476-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

|                                                |                              |
|------------------------------------------------|------------------------------|
| Agency Certification                           |                              |
| CSA                                            | LR19980                      |
| UL                                             | E29179                       |
| General                                        |                              |
| Product Family                                 | 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                                     |                              |
| Current - Maximum per Contact                  | 11.0A                        |
| Voltage - Maximum                              | 600V                         |
| Solder Process Data                            |                              |
| Duration at Max. Process Temperature (seconds) | 005                          |



EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014  
December 17): No

Halogen-Free

Status

Low-Halogen

Need more information on product  
environmental compliance?

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

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

44472 Series

Mates With

5557 Dual Row

|                                         |                    |                             |
|-----------------------------------------|--------------------|-----------------------------|
| Lead-free                               | Process Capability | WAVE                        |
| Max. Cycles at Max. Process Temperature |                    | 001                         |
| Process Temperature max. C              |                    | 260                         |
| <b>Material Info</b>                    |                    |                             |
| Old Part Number                         |                    | A-44472-0454                |
| <b>Reference - Drawing Numbers</b>      |                    |                             |
| Product Specification                   |                    | PS-44476-001, RPS-44476-001 |

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