

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039307225

Status:

Active

Overview:

[minifit\\_jr](#)

Description:

4.20mm Pitch Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg  
PCB Lock, 22 Circuits, PA Polyamide Nylon 6/6, 94V-2, Tin (Sn) Over Nickel (Ni)  
Plating



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-5556-001 \(PDF\)](#)
- [Packaging Specification PK-5569-002 \(PDF\)](#)
- [Test Summary TS-5556-002 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

Series

Application

Comments

PCB Headers

5569

Power, Wire-to-Board

Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) Mini-Fit® Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex Product specification PS-5556001 for additional current de-rating information.

Overview

Product Name

[minifit\\_jr](#)

Mini-Fit Jr.™

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Polarized to PCB

Shrouded

No

22

22

Natural

30

No

94V-2

No

No

None

Yes

Brass

Gold

Nickel

Nylon

2

Right Angle

3.50mm

Yes

Yes

1.78mm

Bag

4.20mm

4.20mm

Yes

Yes

Fully

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**  
[5569Series](#)

**Mates With**  
[5557](#) Mini-Fit Jr.™ Receptacle Housing

|                                |                 |
|--------------------------------|-----------------|
| 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 | 13A  |
| Voltage - Maximum             | 600V |

**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                     | 235                    |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 5569-22A2S |
|-----------------|------------|

**Reference - Drawing Numbers**

|                         |                           |
|-------------------------|---------------------------|
| Packaging Specification | PK-5569-002               |
| Product Specification   | PS-5556-001, RPS-5556-004 |
| Sales Drawing           | SDA-5569-NA2*-*           |
| Test Summary            | TS-5556-002               |

This document was generated on 03/05/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

39-30-7225