

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039307206

Status:

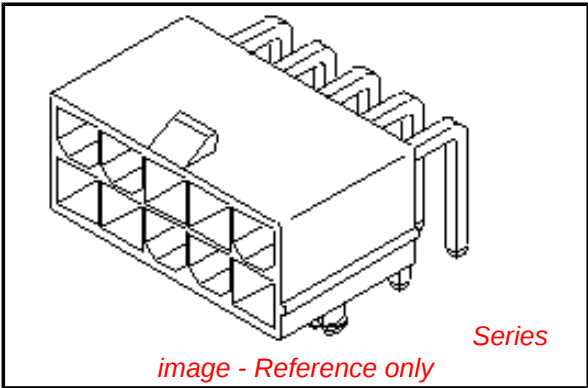
Active

Overview:

[minifit_jr](#)

Description:

4.20mm (.165") Pitch Mini-Fit Jr.™ Header, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, 20 Circuits, PA Polyamide Nylon 6/6, 94V-0, Tin (Sn) Over Nickel (Ni) Plating



Documents:	
3D Model	Product Specification PS-5556-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
TUV	R72081037
UL	E29179
General	
Product Family	PCB Headers
Series	5569
Application	Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 Mini-Fit Plus HCS™ Crimp Terminal Crimped to to 16 AWG wire. . See Molex Product specification PS-5556-001 for additional current de-rating information.
Overview	minifit_jr
Product Name	Mini-Fit Jr.™
Physical	
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Circuits Detail	20
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Nylon
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.138 In
PC Tail Length (mm)	3.50 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.070 In
PCB Thickness Recommended (mm)	1.78 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.165 In
Pitch - Mating Interface (mm)	4.20 mm

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

Halogen-Free

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

[5569](#)Series

Mates With

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

Pitch - Term. Interface (in)	0.165 In
Pitch - Term. Interface (mm)	4.20 mm
Polarized to Mating Part	Yes
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	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	5569-20A2S-210
-----------------	----------------

Reference - Drawing Numbers

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

This document was generated on 05/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

BULK PACKAGED PER PK-5569-002										
PART NUMBER	ENG. NUMBER	CKT. SIZE	PLATING (NOTE 2)	HSG MAT'L	PART NUMBER	ENG. NUMBER	CKT. SIZE	PLATING (NOTE 2)	HSG MAT'L	
		2			39-31-1021	5569-02A2-BL	2	TIN OVER COPPER SEE NOTE 2 OPTION "BLANK"	BLACK 94V-2	
		4			39-31-1041	5569-04A2-BL	4			
		6			39-31-1061	5569-06A2-BL	6			
		8			39-31-1081	5569-08A2-BL	8			
		10			39-31-1101	5569-10A2-BL	10			
		12			39-31-1121	5569-12A2-BL	12			
		14			39-31-1141	5569-14A2-BL	14			
		16			39-31-1161	5569-16A2-BL	16			
		18			39-31-1181	5569-18A2-BL	18			
		20			39-31-1201	5569-20A2-BL	20			
		22			39-31-1221	5569-22A2-BL	22			
		24			39-31-1241	5569-24A2-BL	24			
		2			39-31-6029	5569-02A2G-BL	2	30 μ" GOLD SEE NOTE 2 OPTION "G"	BLACK 94V-2	
		4			39-31-6049	5569-04A2G-BL	4			
		6			39-31-6069	5569-06A2G-BL	6			
		8			39-31-6089	5569-08A2G-BL	8			
		10			39-31-6109	5569-10A2G-BL	10			
		12			39-31-6129	5569-12A2G-BL	12			
		14			39-31-6149	5569-14A2G-BL	14			
		16			39-31-6169	5569-16A2G-BL	16			
		18			39-31-6189	5569-18A2G-BL	18			
		20			39-31-6209	5569-20A2G-BL	20			
		22			39-31-6229	5569-22A2G-BL	22			
		24			39-31-6249	5569-24A2G-BL	24			
		2								
		4								
		6								
		8								
		10								
		12								
		14								
		16								
		18								
		20								
		22								
		24								
39-34-9021	5569-02A2S-400	2	TIN OVER NICKEL SEE NOTE 2 OPTION "S"	BLACK 94V-0						
39-34-9041	5569-04A2S-400	4								
39-34-9061	5569-06A2S-400	6								
39-34-9081	5569-08A2S-400	8								
39-34-9101	5569-10A2S-400	10								
39-34-9121	5569-12A2S-400	12								
39-34-9141	5569-14A2S-400	14								
39-34-9161	5569-16A2S-400	16								
39-34-9181	5569-18A2S-400	18								
39-34-9201	5569-20A2S-400	20								
39-34-9221	5569-22A2S-400	22								
39-34-9241	5569-24A2S-400	24								
REVISION:	ECR/ECN INFORMATION:		TITLE:						SHEET No.	
L3	EC No: UCP2010-0398		MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS						- 4 -	
	DATE: 2009/09/02									
DOCUMENT NUMBER:			Drawn By:		Checked By:		Approved By:			
SDA-5569-NA2*-*			JJAGUILAR		JBELL		FSMITH			
Filename: SPOMASTER.DOC Revision: 1 Location: Workmanager General Docs Class. Date: 4-15-2002										

TRAY PACKAGED PER PK-5569-003										
PART NUMBER	ENG. NUMBER	CKT. SIZE	PLATING (NOTE 2)	HSG MAT'L	PART NUMBER	ENG. NUMBER	CKT. SIZE	PLATING (NOTE 2)	HSG MAT'L	
26-01-3127	5569-02A2GS2-210-T	2	15 μ" SELECT GOLD SEE NOTE 2 OPTION "GS2"	94V-0			2			
26-01-3128	5569-04A2GS2-210-T	4					4			
NOT TOOLED	5569-06A2GS2-210-T	6					6			
NOT TOOLED	5569-08A2GS2-210-T	8					8			
NOT TOOLED	5569-10A2GS2-210-T	10					10			
NOT TOOLED	5569-12A2GS2-210-T	12					12			
NOT TOOLED	5569-14A2GS2-210-T	14					14			
NOT TOOLED	5569-16A2GS2-210-T	16					16			
NOT TOOLED	5569-18A2GS2-210-T	18					18			
NOT TOOLED	5569-20A2GS2-210-T	20					20			
NOT TOOLED	5569-22A2GS2-210-T	22					22			
NOT TOOLED	5569-24A2GS2-210-T	24					24			
26-01-3141	5569-02A2GS3-T	2	50 μ" SELECT GOLD SEE NOTE 2 OPTION "GS3"	94V-2			2			
26-01-3142	5569-04A2GS3-T	4					4			
26-01-3143	5569-06A2GS3-T	6					6			
26-01-3144	5569-08A2GS3-T	8					8			
NOT TOOLED	5569-10A2GS3-T	10					10			
NOT TOOLED	5569-12A2GS3-T	12					12			
NOT TOOLED	5569-14A2GS3-T	14					14			
26-01-3148	5569-16A2GS3-T	16					16			
NOT TOOLED	5569-18A2GS3-T	18					18			
NOT TOOLED	5569-20A2GS3-T	20					20			
NOT TOOLED	5569-22A2GS3-T	22					22			
NOT TOOLED	5569-24A2GS3-T	24					24			
		2					2			
		4					4			
		6					6			
		8					8			
		10					10			
		12					12			
		14					14			
		16					16			
		18					18			
		20					20			
		22					22			
		24					24			
		2					2			
		4					4			
		6					6			
		8					8			
		10					10			
		12					12			
		14					14			
		16					16			
		18					18			
		20					20			
		22					22			
		24					24			
REVISION:	ECR/ECN INFORMATION:		TITLE:						SHEET No.	
L3	EC No: UCP2010-0398		MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS						- 6 -	
	DATE: 2009/09/02									
DOCUMENT NUMBER:			Drawn By:		Checked By:		Approved By:			
SDA-5569-NA2*-*			JJAGUILAR		JBELL		FSMITH			
Filename: SPOMASTER.DOC Revision: 1 Location: Workmanager General Docs Class. Date: 4-15-2002										

TRAY PACKAGED PER PK-5569-003											
PART NUMBER	ENG. NUMBER	CKT. SIZE	PLATING (NOTE 2)	HSG MAT'L	PART NUMBER	ENG. NUMBER	CKT. SIZE	PLATING (NOTE 2)	HSG MAT'L		
50-36-1757	5569-02A2S-T	2	TIN OVER NICKEL SEE NOTE 2 OPTION "S"	94V-2	50-36-1758	5569-02A2S-210-T	2	TIN OVER NICKEL SEE NOTE 2 OPTION "S"	94V-0		
50-36-1767	5569-04A2S-T	4			50-36-1768	5569-04A2S-210-T	4				
50-36-1777	5569-06A2S-T	6			50-36-1778	5569-06A2S-210-T	6				
50-36-1787	5569-08A2S-T	8			50-36-1788	5569-08A2S-210-T	8				
50-36-1797	5569-10A2S-T	10			50-36-1798	5569-10A2S-210-T	10				
50-36-1807	5569-12A2S-T	12			50-36-1808	5569-12A2S-210-T	12				
50-36-1817	5569-14A2S-T	14			50-36-1818	5569-14A2S-210-T	14				
50-36-1827	5569-16A2S-T	16			50-36-1828	5569-16A2S-210-T	16				
50-36-1837	5569-18A2S-T	18			50-36-1838	5569-18A2S-210-T	18				
50-36-1847	5569-20A2S-T	20			50-36-1848	5569-20A2S-210-T	20				
50-36-1857	5569-22A2S-T	22			50-36-1858	5569-22A2S-210-T	22				
50-36-1867	5569-24A2S-T	24		50-36-1868	5569-24A2S-210-T	24					
50-36-1755	5569-02A2GS-T	2	30 μ" SELECT GOLD SEE NOTE 2 OPTION "GS"	94V-2	50-36-1756	5569-02A2GS-210-T	2	30 μ" SELECT GOLD SEE NOTE 2 OPTION "GS"	94V-0		
50-36-1765	5569-04A2GS-T	4			50-36-1766	5569-04A2GS-210-T	4				
50-36-1775	5569-06A2GS-T	6			50-36-1776	5569-06A2GS-210-T	6				
50-36-1785	5569-08A2GS-T	8			50-36-1786	5569-08A2GS-210-T	8				
50-36-1795	5569-10A2GS-T	10			50-36-1796	5569-10A2GS-210-T	10				
50-36-1805	5569-12A2GS-T	12			50-36-1806	5569-12A2GS-210-T	12				
50-36-1815	5569-14A2GS-T	14			50-36-1816	5569-14A2GS-210-T	14				
50-36-1825	5569-16A2GS-T	16			50-36-1826	5569-16A2GS-210-T	16				
50-36-1835	5569-18A2GS-T	18			50-36-1836	5569-18A2GS-210-T	18				
50-36-1845	5569-20A2GS-T	20			50-36-1846	5569-20A2GS-210-T	20				
50-36-1855	5569-22A2GS-T	22			50-36-1856	5569-22A2GS-210-T	22				
50-36-1865	5569-24A2GS-T	24		50-36-1866	5569-24A2GS-210-T	24					
		2	50 μ" SELECT GOLD SEE NOTE 2 OPTION "GS3"	94V-0	26-01-3101	5569-02A2GS-BL-T	2	30 μ" SELECT GOLD SEE NOTE 2 OPTION "GS"	BLACK 94V-2		
		4			NOT TOOLED	5569-04A2GS-BL-T	4				
		6			NOT TOOLED	5569-06A2GS-BL-T	6				
		8			NOT TOOLED	5569-08A2GS-BL-T	8				
26-01-3094	5569-10AGS3-210-T	10			NOT TOOLED	5569-10A2GS-BL-T	10				
		12			NOT TOOLED	5569-12A2GS-BL-T	12				
		14			NOT TOOLED	5569-14A2GS-BL-T	14				
		16			26-01-3108	5569-16A2GS-BL-T	16				
		18			NOT TOOLED	5569-18A2GS-BL-T	18				
		20			NOT TOOLED	5569-20A2GS-BL-T	20				
		22			NOT TOOLED	5569-22A2GS-BL-T	22				
		24	NOT TOOLED	5569-24A2GS-BL-T	24						
26-01-3114	5569-02A2GS2-T	2	15 μ" SELECT GOLD SEE NOTE 2 OPTION "GS2"	94V-2			2				
26-01-3115	5569-04A2GS2-T	4					4				
26-01-3116	5569-06A2GS2-T	6					6				
NOT TOOLED	5569-08A2GS2-T	8					8				
NOT TOOLED	5569-10A2GS2-T	10					10				
26-01-3119	5569-12A2GS2-T	12					12				
NOT TOOLED	5569-14A2GS2-T	14					14				
NOT TOOLED	5569-16A2GS2-T	16					16				
NOT TOOLED	5569-18A2GS2-T	18					18				
NOT TOOLED	5569-20A2GS2-T	20					20				
NOT TOOLED	5569-22A2GS2-T	22					22				
26-01-3126	5569-24A2GS2-T	24			24						
REVISION:	ECR/ECN INFORMATION:		TITLE:					SHEET No.			
L3	EC No: UCP2010-0398		MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS					- 7 -			
	DATE: 2009/09/02										
DOCUMENT NUMBER:			Drawn By:		Checked By:		Approved By:				
SDA-5569-NA2*-*			JJAGUILAR		JBELL		FSMITH				
Filename: SPOMASTER.DOC			Revision: 1		Location: Workmanager General Docs Class.				Date: 4-15-2002		