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Part Number:

0039301101

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, 10 Circuits, PA Polyamide Nylon 6/6 94V-2, 0.76µm (30µ") Gold (Au) Plating

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-5556-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

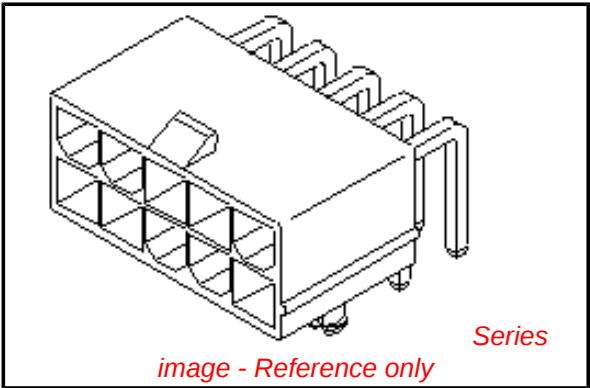
CSA	LR19980
TUV	R72081037
UL	E29179

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)	10
Circuits (maximum)	10
Circuits Detail	10
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-2
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	Gold
Material - Resin	Nylon
Number of Rows	2
Orientation	Right Angle
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
Pitch - Term. Interface (in)	0.165 In
Pitch - Term. Interface (mm)	4.20 mm



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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

[5569Series](#)

Mates With

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

Plating min: Mating (μin)	30.4
Plating min: Mating (μm)	0.76
Plating min: Termination (μin)	30.4
Plating min: Termination (μm)	0.76
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	240

Material Info

Old Part Number	5569-10A2G
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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

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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	
39-30-1020	5569-02A2	2	TIN OVER COPPER SEE NOTE 2 OPTION "BLANK"	94V-2	39-30-0020	5569-02A2-210	2	TIN OVER COPPER SEE NOTE 2 OPTION "BLANK"	94V-0	
39-30-1040	5569-04A2	4			39-30-0040	5569-04A2-210	4			
39-30-1060	5569-06A2	6			39-30-0060	5569-06A2-210	6			
39-30-1080	5569-08A2	8			39-30-0080	5569-08A2-210	8			
39-30-1100	5569-10A2	10			39-30-0100	5569-10A2-210	10			
39-30-1120	5569-12A2	12			39-30-0120	5569-12A2-210	12			
39-30-1140	5569-14A2	14			39-30-0140	5569-14A2-210	14			
39-30-1160	5569-16A2	16			39-30-0160	5569-16A2-210	16			
39-30-1180	5569-18A2	18			39-30-0180	5569-18A2-210	18			
39-30-1200	5569-20A2	20			39-30-0200	5569-20A2-210	20			
39-30-1220	5569-22A2	22	39-30-0220	5569-22A2-210	22					
39-30-1240	5569-24A2	24			39-30-0240	5569-24A2-210	24			
39-30-1021	5569-02A2G	2	30 μ" GOLD SEE NOTE 2 OPTION "G"	94V-2	39-30-1022	5569-02A2G-210	2	30 μ" GOLD SEE NOTE 2 OPTION "G"	94V-0	
39-30-1041	5569-04A2G	4			39-30-1042	5569-04A2G-210	4			
39-30-1061	5569-06A2G	6			39-30-1062	5569-06A2G-210	6			
39-30-1081	5569-08A2G	8			39-30-1082	5569-08A2G-210	8			
39-30-1101	5569-10A2G	10			39-30-1102	5569-10A2G-210	10			
39-30-1121	5569-12A2G	12			39-30-1122	5569-12A2G-210	12			
39-30-1141	5569-14A2G	14			39-30-1142	5569-14A2G-210	14			
39-30-1161	5569-16A2G	16			39-30-1162	5569-16A2G-210	16			
39-30-1181	5569-18A2G	18			39-30-1182	5569-18A2G-210	18			
39-30-1201	5569-20A2G	20			39-30-1202	5569-20A2G-210	20			
39-30-1221	5569-22A2G	22	39-30-1222	5569-22A2G-210	22					
39-30-1241	5569-24A2G	24			39-30-1242	5569-24A2G-210	24			
39-30-0021	5569-02A2G2	2	15 μ" GOLD SEE NOTE 2 OPTION "G2"	94V-2	39-30-0022	5569-02A2G2-210	2	15 μ" GOLD SEE NOTE 2 OPTION "G2"	94V-0	
39-30-0041	5569-04A2G2	4			39-30-0042	5569-04A2G2-210	4			
39-30-0061	5569-06A2G2	6			39-30-0062	5569-06A2G2-210	6			
39-30-0081	5569-08A2G2	8			39-30-0082	5569-08A2G2-210	8			
39-30-0101	5569-10A2G2	10			39-30-0102	5569-10A2G2-210	10			
39-30-0121	5569-12A2G2	12			39-30-0122	5569-12A2G2-210	12			
39-30-0141	5569-14A2G2	14			39-30-0142	5569-14A2G2-210	14			
39-30-0161	5569-16A2G2	16			39-30-0162	5569-16A2G2-210	16			
39-30-0181	5569-18A2G2	18			39-30-0182	5569-18A2G2-210	18			
39-30-0201	5569-20A2G2	20			39-30-0202	5569-20A2G2-210	20			
39-30-0221	5569-22A2G2	22	39-30-0222	5569-22A2G2-210	22					
39-30-0241	5569-24A2G2	24			39-30-0242	5569-24A2G2-210	24			
NOT TOOLED	5569-02A2G3	2	50 μ" GOLD SEE NOTE 2 OPTION "G3"	94V-2	NOT TOOLED	5569-02A2G3-210	2	50 μ" GOLD SEE NOTE 2 OPTION "G3"	94V-0	
15-27-1514	5569-04A2G3	4			NOT TOOLED	5569-04A2G3-210	4			
15-27-1511	5569-06A2G3	6			NOT TOOLED	5569-06A2G3-210	6			
15-27-1512	5569-08A2G3	8			NOT TOOLED	5569-08A2G3-210	8			
15-27-1503	5569-10A2G3	10			15-27-1504	5569-10A2G3-210	10			
NOT TOOLED	5569-12A2G3	12			NOT TOOLED	5569-12A2G3-210	12			
NOT TOOLED	5569-14A2G3	14			NOT TOOLED	5569-14A2G3-210	14			
15-27-1513	5569-16A2G3	16			NOT TOOLED	5569-16A2G3-210	16			
NOT TOOLED	5569-18A2G3	18			NOT TOOLED	5569-18A2G3-210	18			
NOT TOOLED	5569-20A2G3	20			NOT TOOLED	5569-20A2G3-210	20			
NOT TOOLED	5569-22A2G3	22	NOT TOOLED	5569-22A2G3-210	22					
NOT TOOLED	5569-24A2G3	24			NOT TOOLED	5569-24A2G3-210	24			
REVISION:	ECR/ECN INFORMATION:		TITLE:					SHEET No.		
L3	EC No: UCP2010-0398		MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS					- 2 -		
	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		

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: L3	ECR/ECN INFORMATION: EC No: UCP2010-0398 DATE: 2009/09/02		TITLE: MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS						SHEET No. - 4 -	
DOCUMENT NUMBER: SDA-5569-NA2*-*			Drawn By: JJAGUILAR		Checked By: JBELL		Approved By: 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			
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		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 -	
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Filename: SPOMASTER.DOC				Revision: 1		Location: Workmanager General Docs Class.			Date: 4-15-2002		