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Part Number: [0039012061](#)
Status: **Active**
Overview: [minifit_jr](#)
Description: 4.20mm (.165") Pitch Mini-Fit Jr.™ Plug Housing, Dual Row, with and without Panel Mount Ears, UL 94V-2, Panel Mount, 6 Circuits

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	Crimp Housings
Series	5559
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.. Not for use with Strain Relief
MolexKits	Yes
Overview	minifit_jr
Product Name	Mini-Fit Jr.™

Physical

Breakaway	No
Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-2
Gender	Male
Glow-Wire Compliant	No
Material - Resin	Nylon
Number of Rows	2
Packaging Type	Bag
Panel Mount	Yes
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
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40°C to +105°C

Electrical

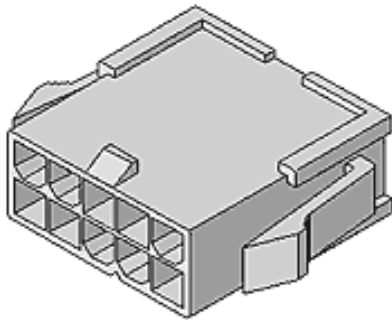
Current - Maximum per Contact	13A
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Material Info

Old Part Number	5559-06P
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Reference - Drawing Numbers

Packaging Specification	SPK-5559-001
Product Specification	PS-5556-001
Sales Drawing	SD-5559-NP
Test Summary	TS-5556-002



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No**
**Halogen-Free
Status**

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.

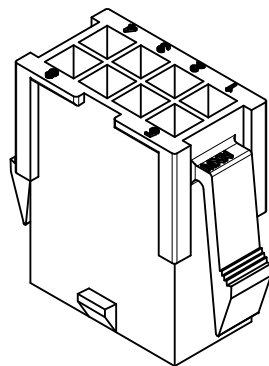
Search Parts in this Series
[5559Series](#)

Mates With
[5557d](#) Receptacle Housing

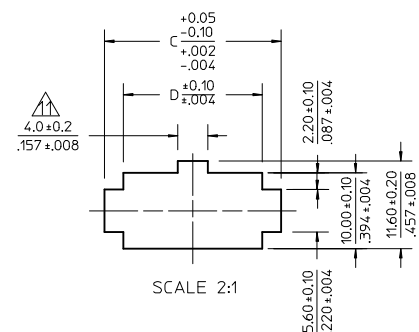
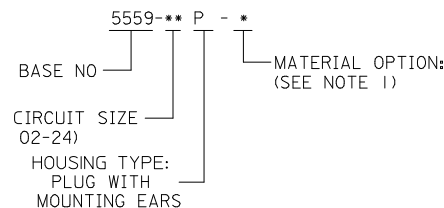
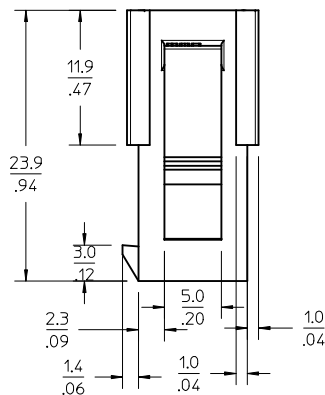
Use With
[5558](#) , [44478](#) , [30490](#) , [41995](#)

This document was generated on 06/08/2010

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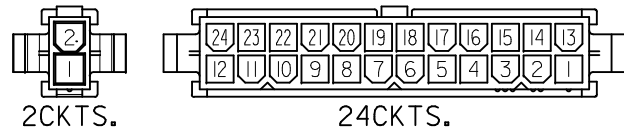
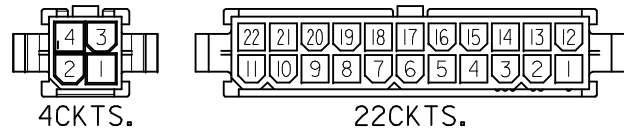
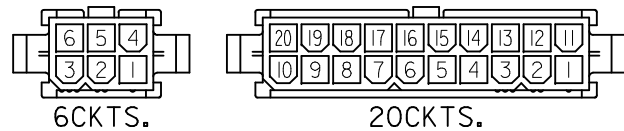
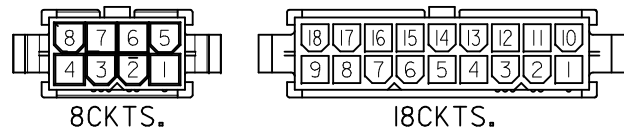
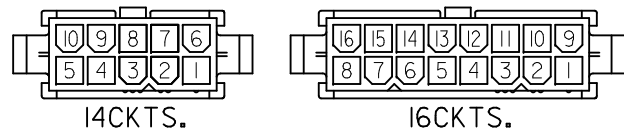
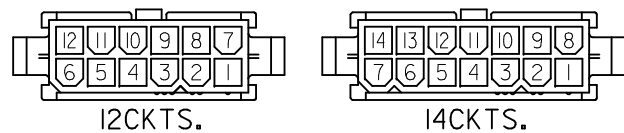
12) PANEL HOLE TO BE DRILLED OUT IN THE SAME DIRECTION AS INSERTION INTO THE PANEL.



RECOMMENDED PANEL HOLE DIMENSIONS
(THICKNESS : 0.8-2.0(.032-.079))

52.1/2.051	57.0/2.244	51.6/2.031	46.2/1.819	24
47.9/1.886	52.8/2.019	47.4/1.866	42.0/1.654	22
43.7/1.720	48.6/1.913	43.2/1.701	37.8/1.488	20
39.5/1.555	44.4/1.748	39.0/1.535	33.6/1.323	18
35.3/1.390	40.2/1.583	34.8/1.370	29.4/1.158	16
31.1/1.224	36.0/1.417	30.6/1.205	25.2/2.992	14
26.8/1.055	31.8/1.252	26.4/1.039	21.0/2.827	12
22.6/0.890	27.6/1.087	22.2/2.874	16.8/6.661	10
18.4/7.724	23.4/3.921	18.0/7.709	12.6/4.996	8
14.2/5.559	19.2/2.756	13.8/5.543	8.4/4.331	6
10.0/3.994	15.0/5.591	9.6/3.738	4.2/2.165	4
5.8/2.888	10.8/4.225	5.4/2.713	—	2
D	C	B	A	CRITICAL

ADDED MODEL VIEWS	EC NO: UCP2010-0850		2009/11/09	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	DRWN: JIAGUILAR		2009/11/10						MM/IN		3:1	METRIC		
	CHKD: J.BELL		2009/11/10						DRAWN BY DATE		TITLE			
	APPR: F.S.MITH		2009/11/10						H. HIRAMOTO 1988/10/14		NEW MINI. FIT CONNECTOR CRIMP PIN HOUSING			
									CHECKED BY DATE		MOLEX MOLEX INCORPORATED			
						Y. YAMADA 1988/10/21								
									APPROVED BY DATE					
						M. ENOMOTO 1988/10/24		DOCUMENT NO.		SHEET NO.				
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-5559-NP		1 OF 2		
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



CIRCUIT SIZE LAYOUT (SCALE : 2-1)

V-2 BLACK		
		24
		22
		20
		18
		16
		14
		12
		10
		8
39-02-8065	5569-06P-BL	6
39-02-8045	5569-04P-BL	4
EDP NO.	ENG. NO.	CIRCUIT

V-2 BLUE		
		24
		22
		20
		18
		16
		14
		12
		10
		8
39-02-8046	5569-04P-BU	4
EDP NO.	ENG. NO.	CIRCUIT

V-2 RED			V-0 NATURAL			V-2 NATURAL		
		24	39-01-2246	5559-24P-210	24	39-01-2241	5559-24P	24
		22	↑ -2226	-22P-210	22	↑ -2221	-22P	22
		20	↑ -2206	-20P-210	20	↑ -2201	-20P	20
		18	↑ -2186	-18P-210	18	↑ -2181	-18P	18
		16	↑ -2166	-16P-210	16	↑ -2161	-16P	16
		14	↑ -2146	-14P-210	14	↑ -2141	-14P	14
		12	↑ -2126	-12P-210	12	↑ -2121	-12P	12
		10	↑ -2106	-10P-210	10	↑ -2101	-10P	10
		8	↑ -2086	-08P-210	8	↑ -2081	-08P	8
		6	↑ -2066	-06P-210	6	↑ -2061	-06P	6
39-02-8047	5559-04P-RE	4	↓ -2046	-04P-210	4	↓ -2041	-04P	4
EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT	EDP NO.	ENG. NO.	CIRCUIT

SEE SHEET 1 EC NO: UCP2010-0850 DRWN: JAGUILAR 2009/11/09 CHKD: J.BELL 2009/11/10 APPR: F.S.MITH 2009/11/10	DESCRIPTION QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM/IN		SCALE 2:1		DESIGN UNITS METRIC		THIRD ANGLE PROJECTION				
				DRAWN BY H.HIRAMOTO		DATE 1988/10/14		NEW MINI. FIT CONNECTOR CRIMP PIN HOUSING						
				CHECKED BY Y.YAMADA		DATE 1988/10/21								
				APPROVED BY M.ENOMOTO		DATE 1988/10/24		MOLEX INCORPORATED						
				MATERIAL NO.		DOCUMENT NO.								
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