

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0039014030
Status: Active
Overview: minifit_jr
Description: 4.20mm (.165") Pitch Mini-Fit Jr.™ Receptacle Housing, Single Row, PA Polyamide Nylon 6/6, UL 94V-2, 3 Circuits, First Mate Last Break

Documents:

[3D Model](#)
[Test Summary \(PDF\)](#)
[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 5557
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.. Glow Wire Equivalent Part Number 50291662. 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 (maximum) 3
Color - Resin Natural
Flammability 94V-2
Gender Female
Glow-Wire Compliant No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Resin Nylon
Number of Rows 1
Packaging Type Bag
Panel Mount No
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

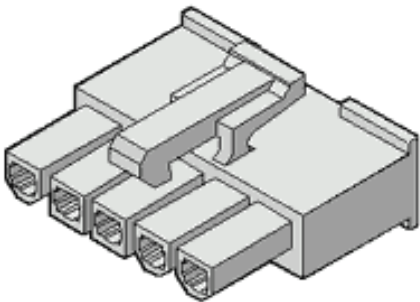
Electrical

Current - Maximum per Contact 13A

Material Info

Old Part Number 5557-03R2

Reference - Drawing Numbers



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
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
5557Series

Mates With
39-01-4032 Panel Mount Plug, 39-01-4036 Free Hanging Plug, 39-30-1039 Vertical Header, 39-30-2035 Vertical Header, 39-30-2031 Vertical Header

Use With
44476 Mini-Fit HCS™ Female Crimp Terminals. 45750 Mini-Fit Plus HCS™ Female Crimp Terminals. 5556 Mini-Fit Jr.™ Female Crimp Terminals. 444851211 Mini-Fit® High Cycle Female Crimp Terminal

Packaging Specification
Product Specification
Sales Drawing
Test Summary

PK-5557-002
PS-5556-001
SD-5557-03R2*
TS-5556-002

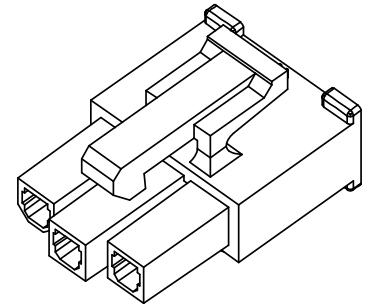
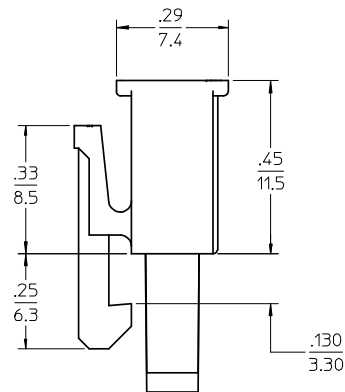
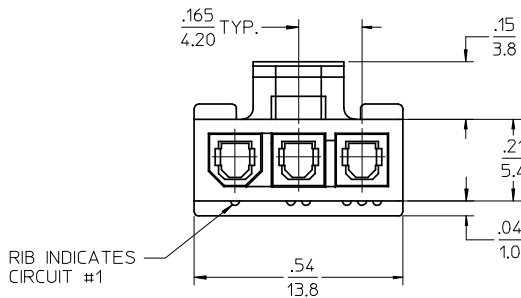
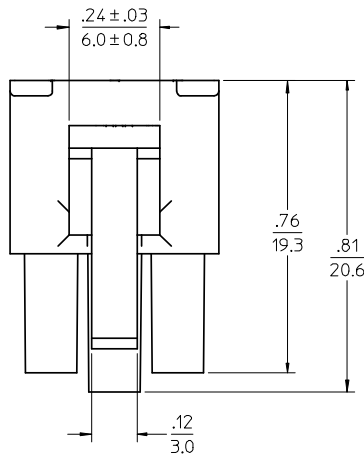
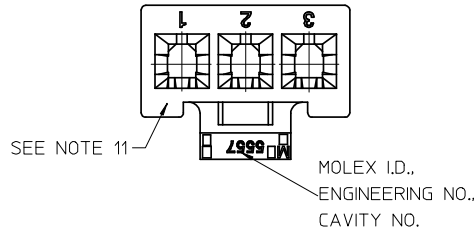
This document was generated on 05/19/2010

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PART NO.	ENG. NO.	CKT SIZE	MATERIAL (SEE NOTE 1)
39-01-4030	5557-03R2	3	UL 94V-2
39-01-4031	5557-03R2-210	3	UL 94V-0
39-01-5039	5557-03R2-BL	3	UL 94V-2, BLACK

LEGEND

5557-03R2-***
 CKT SIZE
 RECEPTACLE
 MATERIAL OPTION:
 (SEE NOTE 1)



NOTES:

- MATERIAL:
 BLANK=NYLON 6/6, UL94V-2, COLOR: NATURAL
 210=NYLON 6/6, UL94V-0, COLOR: NATURAL
 BL=NYLON 6/6, UL94V-2, COLOR: BLACK
- FINISH: NOT APPLICABLE
- PRODUCT SPECIFICATION: PS-5556-001
- PACKAGING: PK-5557-002
- PART MATES WITH MOLEX RIGHT ANGLE HEADER #5569-03A*, VERTICAL HEADER #5566-03A3* AND PLUG #5559-03P*.
- PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556.
- WHEN MATING WITH ANOTHER CONNECTOR, THE CENTER CIRCUIT WILL "MAKE FIRST AND BREAK LAST".
- PART IS NOT DESIGNED FOR CURRENT SHARING.
- CONNECTOR ASSEMBLIES ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
- "MX" TRADEMARK MAY BE LOCATED ON LATCH OR SURFACE INDICATED. CAVITY NO. MAY BE LOCATED ON EITHER SIDE OF ENGINEERING NO. ON LATCH.
- PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.

REVISE NOTE 11 EC NO: UCP2007-2526 DRWNG: GAVRILL 2008/08/19 CHKD: J.BELL 2008/08/19 APPR: F.S.MITH 2008/08/22	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY GEP	DATE 1990/10/02	TITLE 3 CIRCUIT RECEPTACLE, (MINI-FIT JR.) (MAKE-FIRST/BREAK-LAST)	
			4 PLACES	± ---	± ---	CHECKED BY R.J.F.	DATE 1990/10/02		
			3 PLACES	± ---	± .010	APPROVED BY RAS	DATE 1990/10/02		
			2 PLACES	± 0.25	± .015	MOLEX INCORPORATED			
			1 PLACE	± 0.38	± ---				
			ANGULAR ±1/2°			MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		SD-5557-03R2*	1 OF 1
						SIZE C	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



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Электрон
Связь**

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