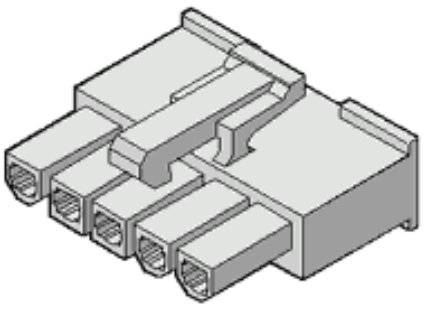
This document was generated on 05/19/2010

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



Series image - Reference only

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

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	PK-5557-002
Product Specification	PS-5556-001
Sales Drawing	SD-5557-03R2*
Test Summary	TS-5556-002

This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

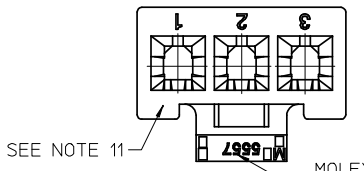
5557-03R2-***

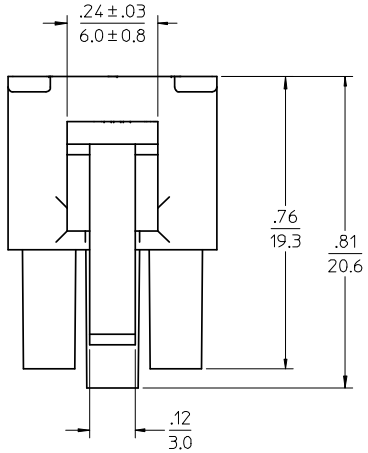
CKT SIZE

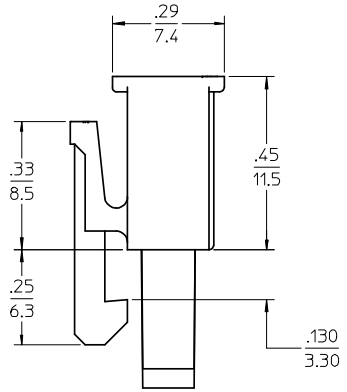
RECEPTACLE

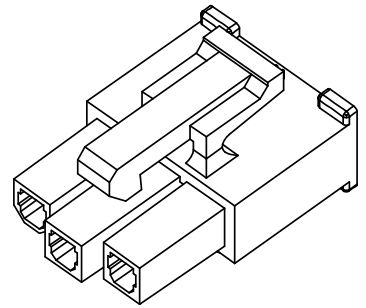
MATERIAL OPTION: (SEE NOTE 1)

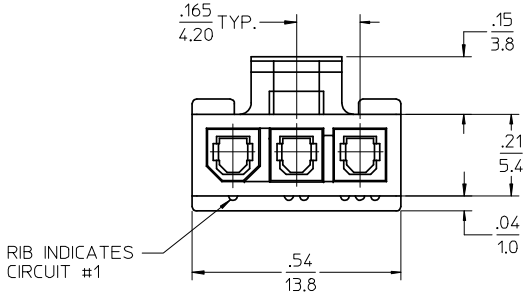
NOTES:
1. MATERIAL:
   "BLANK"=NYLON 6/6, UL94V-2, COLOR: NATURAL
   "210"=NYLON 6/6, UL94V-0, COLOR: NATURAL
   "BL"=NYLON 6/6, UL94V-2, COLOR: BLACK
2. FINISH: NOT APPLICABLE
3. PRODUCT SPECIFICATION: PS-5556-001
4. PACKAGING: PK-5557-002
5. PART MATES WITH MOLEX RIGHT ANGLE HEADER #5569-03A*, VERTICAL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











REVISE NOTE 11
EC NO: UCP2007-2526 2008/08/19
DRWN:GAVERILL 2008/08/19
CH'KD: JBELL
APPR:FSMITH 2008/08/22
DESCRIPTION
REV G

QUALITY SYMBOLS
▼=0
▽(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± .010
2 PLACES	± 0.25	± .015
1 PLACE	± 0.38	± ---
ANGULAR ±1/2°		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: IN/MM
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	GEP	1990/10/02
CHECKED BY	RJF	1990/10/02
APPROVED BY	RAS	1990/10/02

TITLE: 3 CIRCUIT RECEPTACLE, (MINI-FIT JR.) (MAKE-FIRST/BREAK-LAST)

MOLEX INCORPORATED

MATERIAL NO.: SEE CHART
DOCUMENT NO.: SD-5557-03R2*
SHEET NO.: 1 OF 1
SIZE: C

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