

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0039013022

Status:

Active

Overview:

[minifit_jr](#)

Description:

4.20mm (.165") Pitch Mini-Fit Jr.™ Receptacle Housing, Dual Row, PA Polyamide Nylon 6/6, UL 94V-2, 2 Circuits

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.. 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)	2
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	2
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
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Material Info

Old Part Number	555702R1
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Reference - Drawing Numbers

Product Specification	PS-5556-001
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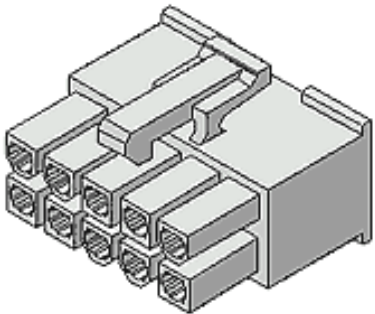


image - Reference only

Series

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

[5557Series](#)

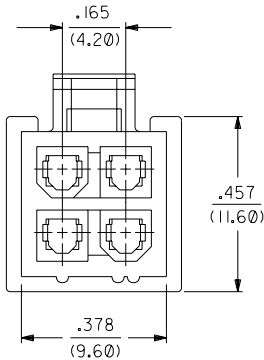
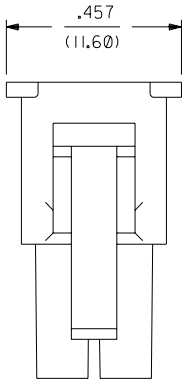
Mates With
[39-01-2021](#) Panel Mount Plug, [39-01-3023](#) Free Hanging Plug, [5566](#) Vertical Headers, [5569](#) Right Angle Headers, [44472](#) PCB Header

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

This document was generated on 05/19/2010

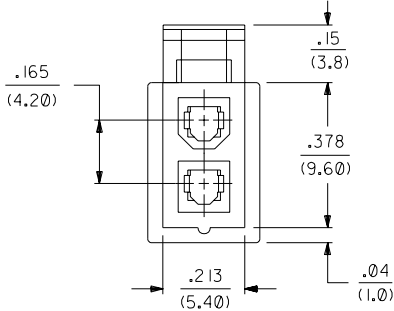
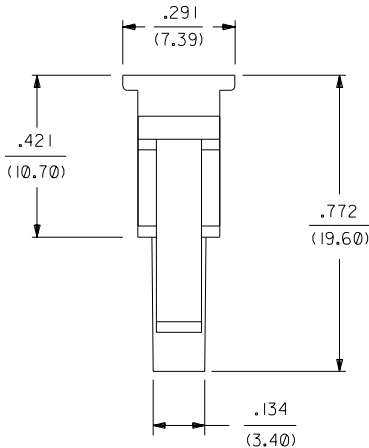
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PART NUMBER	ENG. NUMBER	MATERIAL (SEE NOTE 1)
39-01-3028	5557-02R1-210	94V-0
39-01-3048	5557-04R1-210	94V-0
39-01-3022	5557-02R1	94V-2
39-01-3042	5557-04R1	94V-2
15-04-6021	5557-02R1-220	94V-2, U.V. STABLE
NO E.D.P.	5557-04R1-220	94V-2, U.V. STABLE
39-01-6026	5557-02R1-BL	94V-2, BLACK
NO E.D.P.	5557-04R1-BL	94V-2, BLACK

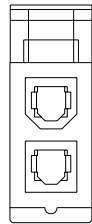
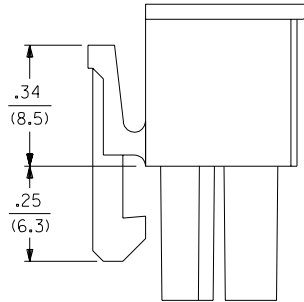


5557-04R-**
(WITHOUT SIDE PULL TABS)
(SHOWN FOR REFERENCE ONLY)

5557-04R1-**



5557-02R1-**



5557-02R-**
(WITHOUT SIDE PULL TABS)
(SHOWN FOR REFERENCE ONLY)

NOTES:

- 1.) MATERIAL:
"BLANK" = NYLON 6/6, U.L. 94V-2. COLOR: NATURAL.
"210" = NYLON 6/6, U.L. 94V-0. COLOR: NATURAL.
"220" = NYLON 6/6, U.L. 94V-2, U.V. STABILIZED. COLOR: BLACK.
"BL" = NYLON 6/6, U.L. 94V-2. COLOR: BLACK.
- 2.) PART IS FOR USE WITH MOLEX FEMALE TERMINAL #5556.
- 3.) PART MATES WITH MOLEX PLUG #5559.
- 4.) PART IS DESIGNED IN METRIC.
- 5.) PRODUCT SPECIFICATION: PS-5556-001.
- 6.) PARTS TO BE PACKAGED PER PK-5557-002

LEGEND:

- 5557-** R1-***
- BASE NUMBER
- CKT. SIZE
- RECEPTACLE
- (WITH SIDE PULL TABS)
- MATERIAL OPTION:
(SEE NOTE 1)

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED
TOLERANCES: ANGULAR ± 1/2°

	INCH	METRIC
3 PLACE	± .015	---
2 PLACE	± ---	± .38
1 PLACE	---	± ---

DRAFT WHERE APPLICABLE MUST
REMAIN WITHIN DIMENSIONS

DRWG. BY: GEP
CHK'D. BY: RJF
APP'D. BY: RAS

SCALE: 4 : 1

FILE NAME: 555724X1.DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

MOLEX INCORPORATED
LITSE,ILL. 60532

SHEET NO. 1 OF 1
DATE 8 / 8 / 90

SEE CHART

SD-5557-**R1-*

REVISIONS

REV.	DESCRIPTION
G1	ADD NOTE 6 ECN #UCP2004-0347 CSTEWART,03-09-19
G	REV PS NOTE UCP2003-0396 9/3/2002 SAMIEC
F	ADDED -BL OPTION PER ECN U11972 10-8-91 RJF
E1	94V-2 WAS 94V-0 ECN U11607 GEP 7-26-91 RJF
E	ADDED NOTE 5 ECN U11273 GEP 7-26-91 RJF
D	ADDED -NR VIEWS ECR U10555 2-27-91 RJF
C	ADDED DIM'S PER ECR U00755 GEP 10-4-90 RJF
B	REDRAWN ON CAD ECR U00570 GEP 8-9-90 RJF