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**Part Number: 0039012080**

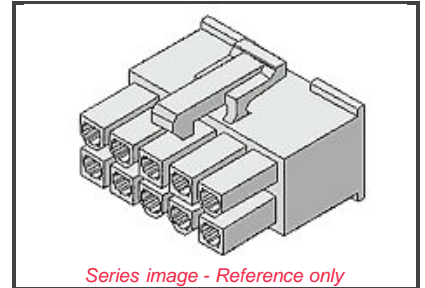
**Status: Active**    **Overview: Mini-Fit Jr.™**

**Description:** 4.20mm (.165") Pitch Mini-Fit Jr.™ Receptacle Housing, Dual Row, UL 94V-2, 8 Circuits

**Documents:**

*Note - Please disable browser pop-up blockers for documents on www.molex.com*

- [Drawing \(PDF\)](#)    [Product Specification PS-5557-003 \(PDF\)](#)
- [Product Specification PS-5557-004 \(PDF\)](#)    [Product Specification PS-5557-010 \(PDF\)](#)
- [Product Specification PS-5557-011 \(PDF\)](#)    [Product Specification PS-5557-012 \(PDF\)](#)
- [Product Specification PS-5557-013 \(PDF\)](#)    [Product Specification PS-5557-015 \(PDF\)](#)
- [Product Specification PS-5557-016 \(PDF\)](#)    [Product Specification PS-5557-021 \(PDF\)](#)
- [Product Specification PS-5557-039 \(PDF\)](#)    [Product Specification PS-5557-040 \(PDF\)](#)
- [Product Specification PS-5557-041 \(PDF\)](#)    [Product Specification PS-5557-042 \(PDF\)](#)
- [Product Specification PS-5557-043 \(PDF\)](#)    [Product Specification PS-5557-044 \(PDF\)](#)
- [3D Model](#)    [Test Summary \(PDF\)](#)
- [Related Catalog Page \(PDF\)](#)



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**Part Detail: (show all)**

[General](#)   [Physical](#)   [Electrical](#)   [Material Info](#)

**General**

Product Family    Crimp Housings  
Series    [5557](#)  
Comments    Glow Wire Equivalent Part Number [50361713](#)  
Use with Strain Relief 41995 Series  
Overview    [Mini-Fit Jr.™](#)  
Product Name    Mini-Fit Jr.™

**Physical**

Breakaway    No  
Circuits (maximum)    8  
Color - Resin    Natural  
Flammability    94V-2  
Gender    Female  
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

**EU RoHS**    **China RoHS**  
**ELV and RoHS Compliant**



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**Search Parts in this Series**

[5557](#) Series

**Mates With**

[5559d](#), [5566vw](#), [5566vwo](#), [5569rdf](#),  
[5569rdp](#), [43810a](#), [43810b](#), [43810c](#),  
[43810d](#), [44068a](#), [44068b](#), [44068c](#),  
[44068d](#), [44281](#), [44472dw](#), [44472dwo](#),  
[87427](#), [87427r](#), [87427rf](#), [42404](#),  
[44474](#), [42440](#), [43879](#), [42475](#)

**Use With**

[41995](#) Strain Relief

|                               |                 |
|-------------------------------|-----------------|
| 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**

|     |         |
|-----|---------|
| CSA | LR19980 |
| TUV | R75142  |
| UL  | E29179  |

**Material Info**

|                 |          |
|-----------------|----------|
| Old Part Number | 5557-08R |
|-----------------|----------|

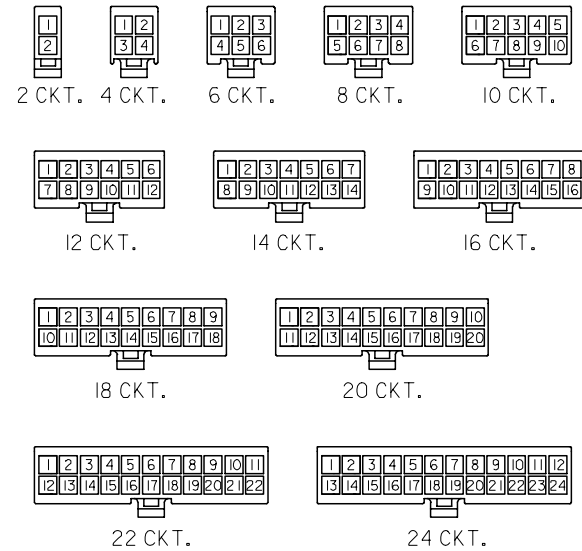
**Reference - Drawing Numbers**

|                       |             |
|-----------------------|-------------|
| Product Specification | PS-5557-003 |
| Product Specification | PS-5557-004 |
| Product Specification | PS-5557-010 |
| Product Specification | PS-5557-011 |
| Product Specification | PS-5557-012 |
| Product Specification | PS-5557-013 |
| Product Specification | PS-5557-015 |
| Product Specification | PS-5557-016 |
| Product Specification | PS-5557-021 |
| Product Specification | PS-5557-039 |
| Product Specification | PS-5557-040 |
| Product Specification | PS-5557-041 |
| Product Specification | PS-5557-042 |
| Product Specification | PS-5557-043 |
| Product Specification | PS-5557-044 |
| Sales Drawing         | SD-5557-003 |

10 9 8 7 6 5 4 3 2 1

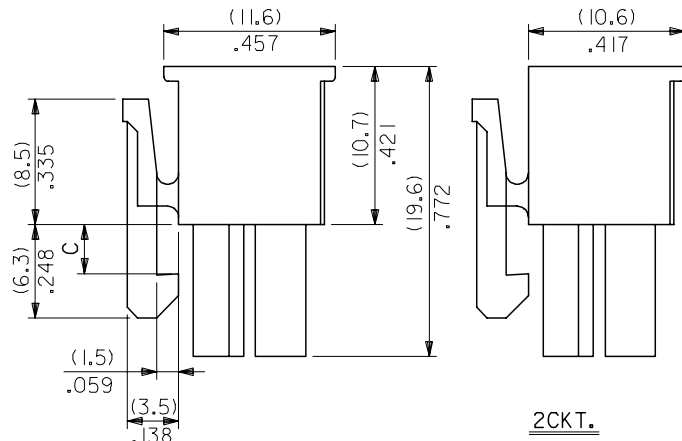
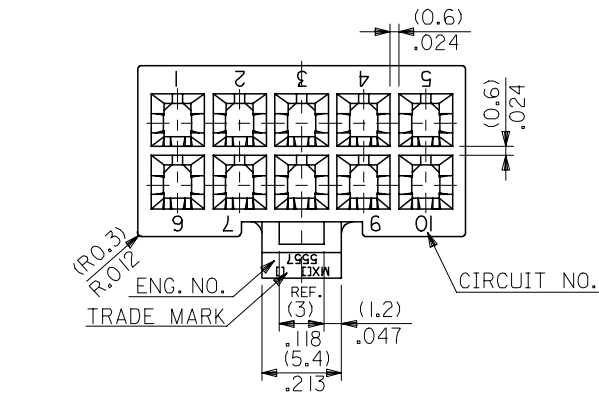
**NOTES**

1. TERMINAL : 5556 SERIES
2. MATE WITH : 5559 SERIES  
5566 SERIES  
5569 SERIES  
501566 SERIES
3. (METRIC) VALUES SHOWN GOVERN OVER ENGLISH CONVERSION VALUES.  
A TO BE MEASURED AT POSITION OF D SURFACE.



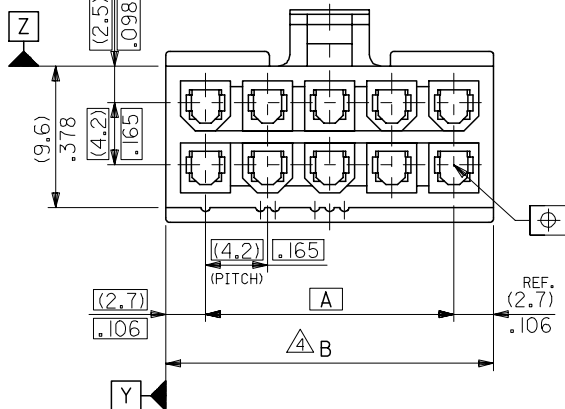
**CIRCUIT SIZE LAYOUT**  
(SCALE 1:1)

|               |              |              |            |          |    |
|---------------|--------------|--------------|------------|----------|----|
| (3.6)<br>.142 | (51.6) 2.031 | (46.2) 1.819 | 39-01-2240 | 5557-24R | 24 |
|               | (47.4) 1.866 | (42) 1.654   | ↑ -2220    | ↑ -22R   | 22 |
| (3.3)<br>.129 | (43.2) 1.701 | (37.8) 1.488 | -2200      | -20R     | 20 |
|               | (39) 1.535   | (33.6) 1.323 | -2180      | -18R     | 18 |
|               | (34.8) 1.37  | (29.4) 1.158 | -2160      | -16R     | 16 |
|               | (30.6) 1.205 | (25.2) .992  | -2140      | -14R     | 14 |
|               | (26.4) 1.039 | (21) .827    | -2120      | -12R     | 12 |
|               | (22.2) .874  | (16.8) .661  | -2100      | -10R     | 10 |
|               | (18) .709    | (12.6) .496  | -2080      | -08R     | 8  |
|               | (13.8) .543  | (8.4) .331   | -2060      | -06R     | 6  |
|               | (9.6) .378   | (4.2) .165   | ↓ -2040    | ↓ -04R   | 4  |
|               | (5.4) .213   | —            | 39-01-2020 | 5557-02R | 2  |



4~24CKT.

|                      |                   |
|----------------------|-------------------|
| 材料<br>MATERIAL       | 66NYLON (UL94V-2) |
| 仕上り<br>FINISH        | —                 |
| 適用電線範囲<br>WIRE RANGE | —                 |
| 被覆外径<br>NS. RANGE    | —                 |



|  |   |   |              |   |              |  |  |                           |   |                             |  |
|--|---|---|--------------|---|--------------|--|--|---------------------------|---|-----------------------------|--|
| REVISED<br>EC NO: J2005-3799<br>DRW: NABEI<br>CHK: KATOYODA<br>APP: NUKITA | DESCRIPTION<br>2005/06/20<br>2005/06/21<br>2005/06/27 | GENERAL TOLERANCES (UNLESS SPECIFIED)   |              | DIMENSION STYLE<br>MM ONLY                |              | SCALE<br>3:1                               | DESIGN UNITS<br>METRIC                               | THIRD ANGLE PROJECTION    |   |                             |  |
|  |   | 10 UNDER ±0.2                           | 10 OVER ±0.3 | 30 UNDER ±0.3                             | 30 OVER ±0.4 | ANGULAR ±3 °                               | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                           | DRAWN BY DATE<br>S. MOCHIZUKI '90/02/22 |                             |  |
|  |   | DRAWN BY DATE<br>S. MOCHIZUKI '90/02/22 |              | CHECKED BY DATE<br>M. FUKUSHIMA '97/01/08 |              | APPROVED BY DATE<br>M. FUKUSHIMA '97/01/08 |  | MATERIAL NO.<br>SEE CHART |   | DOCUMENT NO.<br>SD-5557-003 |  |
|  |   | TITLE<br>NEW MINI FIT CONN REC. HOUSING |              | MOLEX INCORPORATED                        |              | SHEET NO.<br>2 OF 2                        |  |                           |   |                             |  |