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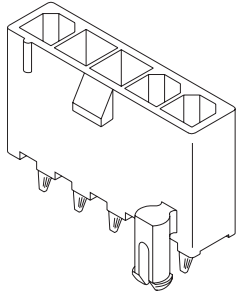
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Jameco Part Number 1969294

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566 Vertical, Single Row With Pegs



Features and Benefits

- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage
- Peg-mounted vertical headers for increased board retention
- Drain holes are standard to allow washing of PCB after processing (contact Molex for headers without drain holes)

Reference Information

Packaging: Tube or bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 single row receptacle
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

| Series | Circuits | | | |
|--------|----------|------|------|-------|
| | 2-3 | 4-6 | 7-10 | 12-24 |
| 46083 | 9.0A | 8.0A | 7.0A | 6.0A |

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

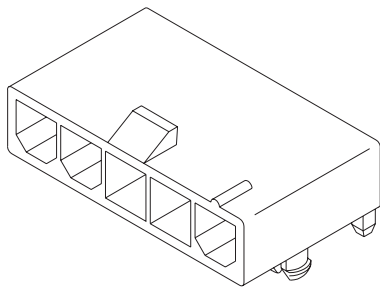
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass or Phosphor Bronze
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

| Circuits | Order No. | | | | Lead-free |
|----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------|
| | Tin Plated | | Select Gold Plated (30µ") | | |
| | 94V-2 | 94V-0 | 94V-2 | 94V-0 | |
| 3 | 39-30-5039 | 39-30-6030 | 39-30-2037 | 39-30-2038 | Yes |
| 4 | 39-30-5049 | 50-30-4466 | 39-30-2047 | 39-30-2048 | |
| 5 | | 50-30-4467 | | 39-30-2058 | |

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569 Right Angle, Single Row With Pegs



Features and Benefits

- Pegs provide increased board retention
- Ideal for low profile power applications
- Positive housing locks to mate with Mini-Fit Jr. single row receptacles 5557
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Tray or bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: 5557 single row receptacle
 TUV License No.: R75142
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

| Series | Circuits | | | |
|--------|----------|-------|-------|-------|
| | 2-3 | 4-6 | 7-10 | 12-24 |
| 46083 | 9.0A | 8.0A | 7.0A | 6.0A |
| 45750 | 12.0A | 12.0A | 12.0A | 11.0A |

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

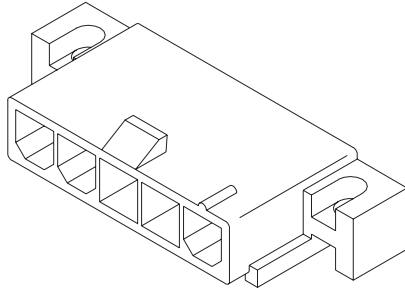
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

| Circuits | Order No. | | | | Lead-free |
|----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------|
| | Tin Plated | | Select Gold Plated | | |
| | 94V-2 | 94V-0 | 94V-2 | 94V-0 | |
| 3 | 39-30-7031 | 39-30-7032 | 39-30-4031 | 39-30-4032 | Yes |
| 4 | 39-30-7041 | 39-30-7042 | 50-30-4438 | 50-30-4441 | |
| 5 | 39-30-7051 | 39-30-7052 | 50-30-4439 | 50-30-4442 | |

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569 Right Angle, Single Row With Flanges



Features and Benefits

- Flanges allow for screw-in retention to board-mounted headers
- Low profile is ideal for power applications with space constraints

Reference Information

Packaging: Tray or bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 single row receptacle
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

| Series | Circuits | | | |
|--------|----------|-------|-------|-------|
| | 2-3 | 4-6 | 7-10 | 12-24 |
| 46083 | 9.0A | 8.0A | 7.0A | 6.0A |
| 45750 | 12.0A | 12.0A | 12.0A | 11.0A |

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

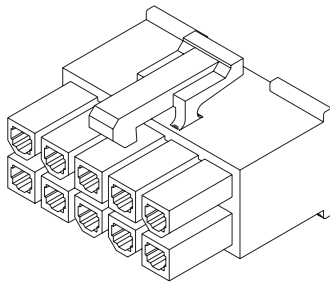
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

| Circuits | Order No. | | | | Lead-free |
|----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------|
| | Tin Plated | | Select Gold Plated | | |
| | 94V-2 | 94V-0 | 94V-2 | 94V-0 | |
| 3 | 39-30-6039 | 39-30-7030 | 39-30-4037 | 39-30-4038 | Yes |
| 4 | 39-30-6049 | | 50-30-4443 | | |

4.20mm (.165") Pitch Mini-Fit Jr.™ Receptacle

5557 Dual Row



Features and Benefits

- Positive housing lock for secure mating retention
- Fully isolated terminals to protect contacts from damage
- Thumb latch for easy unmating

Reference Information

Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5559, 5566, 5569, 42404, 42440, 42475, 43810, 43879 and 44068 dual row connectors
 Use With: 5556, 46083 or 45750 terminals
 Designed In: Millimeters

Electrical

Current: (Used with 16 AWG)

| Series | Circuits | | | |
|--------|----------|-------|-------|-------|
| | 2-3 | 4-6 | 7-10 | 12-24 |
| 46083 | 9.0A | 8.0A | 7.0A | 6.0A |
| 45750 | 12.0A | 12.0A | 12.0A | 11.0A |

Mechanical

Contact Insertion Force: 1.5kg max.
 Contact Retention to Housing: 3.0kg min.

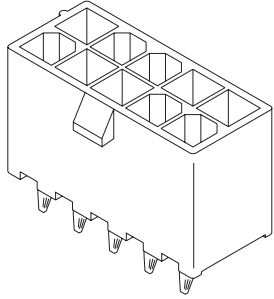
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Operating Temperature: -40 to +105°C

| Circuits | Order No. | | Circuits | Order No. | |
|----------|----------------------------|----------------------------|----------|----------------------------|----------------------------|
| | 94V-2 | 94V-0 | | 94V-2 | 94V-0 |
| 2 | 39-01-2020 | 39-01-2025 | 14 | 39-01-2140 | 39-01-2145 |
| 4 | 39-01-2040 | 39-01-2045 | 16 | 39-01-2160 | 39-01-2165 |
| 6 | 39-01-2060 | 39-01-2065 | 18 | 39-01-2180 | 39-01-2185 |
| 8 | 39-01-2080 | 39-01-2085 | 20 | 39-01-2200 | 39-01-2205 |
| 10 | 39-01-2100 | 39-01-2105 | 22 | 39-01-2220 | 39-01-2225 |
| 12 | 39-01-2120 | 39-01-2125 | 24 | 39-01-2240 | 39-01-2245 |

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5566 Vertical, Dual Row Without Pegs, without Drain Holes



Features and Benefits

- Positive housing locks to mate with Mini-Fit Jr. receptacle
- Fully isolated terminals to protect contacts from damage
- Drain hole option available, contact Molex

Reference Information

Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 dual row receptacles
 PCB Thickness: 1.60mm (.062")
 Process: Wave solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

| Series | Circuits | | | |
|--------|----------|------|------|-------|
| | 2-3 | 4-6 | 7-10 | 12-24 |
| 46083 | 9.0A | 8.0A | 7.0A | 6.0A |

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

Physical

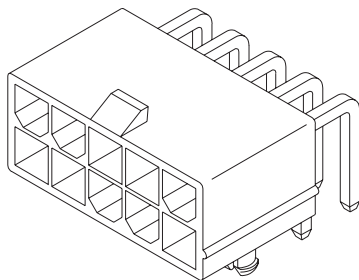
Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass or Phosphor Bronze
 Plating: Tin
 Underplating: Copper
 Operating Temperature: -40 to +105°C

| Circuits | Order No. | | Lead-free |
|----------|----------------------------|----------------------------|-----------|
| | 94V-2 | 94V-0 | |
| 2 | 39-28-1023 | 39-28-8020 | Yes |
| 4 | 39-28-1043 | 39-28-8040 | |
| 6 | 39-28-1063 | 39-28-8060 | |
| 8 | 39-28-1083 | 39-28-8080 | |
| 10 | 39-28-1103 | 39-28-8100 | |
| 12 | 39-28-1123 | 39-28-8120 | |

| Circuits | Order No. | | Lead-free |
|----------|----------------------------|----------------------------|-----------|
| | 94V-2 | 94V-0 | |
| 14 | 39-28-1143 | 39-28-8140 | Yes |
| 16 | 39-28-1163 | 39-28-8160 | |
| 18 | 39-28-1183 | 39-28-8180 | |
| 20 | 39-28-1203 | 39-28-8200 | |
| 22 | 39-28-1223 | 39-28-8220 | |
| 24 | 39-28-1243 | 39-28-8240 | |

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569 Right Angle, Dual Row with Pegs



Features and Benefits

- Board mounting pegs provide polarization during placement on PCB and increased board retention during solder processing
- Low profile for space constraints
- Positive housing locks
- Fully isolated terminals to protect contacts from damage

Reference Information

Packaging: Tray
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: 5557 dual row receptacles
 PCB Thickness: 1.60mm (.062")
 Process: Wave Solder
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

| Series | Circuits | | | |
|--------|----------|-------|-------|-------|
| | 2-3 | 4-6 | 7-10 | 12-24 |
| 46083 | 9.0A | 8.0A | 7.0A | 6.0A |
| 45750 | 12.0A | 12.0A | 12.0A | 11.0A |

Contact Resistance: 10 milliohms max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Durability: 30 cycles

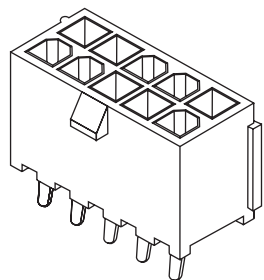
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass
 Plating: Tin or Select Gold
 Underplating: Nickel
 Operating Temperature: -40 to +105°C

| Circuits | Order No. | | | | Lead-free |
|----------|----------------------------|----------------------------|----------------------------|----------------------------|-----------|
| | Tin Plated | | Select Gold Plated (30µ") | | |
| | 94V-2 | 94V-0 | 94V-2 | 94V-0 | |
| 2 | 39-30-7025 | 39-30-7026 | 39-30-0023 | 39-30-0024 | Yes |
| 4 | 39-30-7045 | 39-30-7046 | 39-30-0043 | 39-30-0044 | |
| 6 | 39-30-7065 | 39-30-7066 | 39-30-0063 | 39-30-0064 | |
| 8 | 39-30-7085 | 39-30-7086 | 39-30-0083 | 39-30-0084 | |
| 10 | 39-30-7105 | 39-30-7106 | 39-30-0103 | 39-30-0104 | |
| 12 | 39-30-7125 | 39-30-7126 | 39-30-0123 | 39-30-0124 | |
| 14 | 39-30-7145 | 39-30-7146 | 39-30-0143 | 39-30-0144 | |
| 16 | 39-30-7165 | 39-30-7166 | 39-30-0163 | 39-30-0164 | |
| 18 | 39-30-7185 | | 39-30-0183 | | |
| 20 | 39-30-7205 | 39-30-7206 | 39-30-0203 | 39-30-0204 | |
| 22 | 39-30-7225 | | | | |
| 24 | 39-30-7245 | 39-30-7246 | 39-30-0243 | 39-30-0244 | |

4.20mm (.165") Pitch Mini-Fit Jr.™ Wire-to-Board Header

87427
Vertical without Flanges
High Temperature Material



Features and Benefits

- Sizes 2 to 24 circuits
- Molded in high temperature, surface mount compatible material
- Fully isolated terminals to protect contacts from damage

Reference Information

Product Specification: PS-87427-0001
Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: 5557 dual row receptacle
Designed in: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

| Circuits | 2-3 | 4-6 | 7-10 | 12-24 |
|----------|-------|-------|-------|-------|
| Jr. | 9.0A | 8.0A | 7.0A | 6.0A |
| HCS | 12.0A | 11.0A | 10.0A | 9.0A |

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V
Insulation Resistance: 1000 Megohms min.

Mechanical

Pin Retention Force: 9.81N (2.2 lb) min.
Mating Force: 14.23N (3.19 lb) max.
Unmating Force: 0.50N (0.11 lb) max.
Durability: 30 cycles

Physical

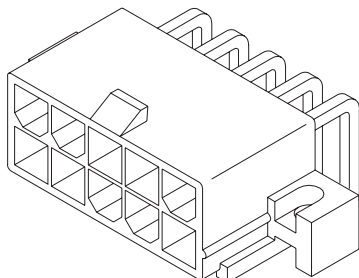
Housing: 4/6 Nylon, UL 94V-0
Contact: Brass (1.07 square)
Plating: Tin
Operating Temperature: -40 to +105°C

| Circuits | Order No. | | Lead-free |
|----------|----------------------------|----------------------------|-----------|
| | Tin Over Nickel Plating | Tin Over Copper Plating | |
| 2 | 87427-0242 | 87427-0243 | Yes |
| 4 | 87427-0442 | 87427-0443 | |
| 6 | 87427-0642 | 87427-0643 | |
| 8 | 87427-0842 | 87427-0843 | |
| 10 | 87427-1042 | 87427-1043 | |
| 12 | 87427-1242 | 87427-1243 | |

| Circuits | Order No. | | Lead-free |
|----------|----------------------------|----------------------------|-----------|
| | Tin Over Nickel Plating | Tin Over Copper Plating | |
| 14 | 87427-1442 | 87427-1443 | Yes |
| 16 | 87427-1642 | 87427-1643 | |
| 18 | 87427-1842 | 87427-1843 | |
| 20 | 87427-2042 | 87427-2043 | |
| 22 | 87427-2242 | 87427-2243 | |
| 24 | 87427-2442 | 87427-2443 | |

4.20mm (.165") Pitch Mini-Fit Jr.™ Header

5569
Right Angle, Dual Row
With Flanges



Features and Benefits

- Flanges allow for screw-in retention to board-mounted header
- Low profile for space constraints
- Positive housing locks

Reference Information

Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
TUV License No.: R75142
Mates With: 5557 dual row receptacles
PCB Thickness: 1.60mm (.062")
Process: Wave solder
Designed In: Millimeters

Electrical

Voltage: 600V
Current: (Used with 16 AWG)

| Series | Circuits | | | |
|--------|----------|-------|-------|-------|
| | 2-3 | 4-6 | 7-10 | 12-24 |
| 46083 | 9.0A | 8.0A | 7.0A | 6.0A |
| 45750 | 12.0A | 12.0A | 12.0A | 11.0A |

Contact Resistance: 10 milliohms max.
Dielectric Withstanding Voltage: 1500V AC
Insulation Resistance: 1000 Megohms min.

Mechanical

Insertion Force to PCB: 5.0kg max.
Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
Contact: Brass
Plating: Tin
Underplating: Copper
Operating Temperature: -40 to +105°C

| Circuits | Order No. | | Lead-free |
|----------|----------------------------|----------------------------|-----------|
| | 94V-2 | 94V-0 | |
| 2 | 39-29-1028 | 39-29-1027 | Yes |
| 4 | 39-29-1048 | 39-29-1047 | |
| 6 | 39-29-1068 | 39-29-1067 | |
| 8 | 39-29-1088 | 39-29-1087 | |
| 10 | 39-29-1108 | 39-29-1107 | |
| 12 | 39-29-1128 | 39-29-1127 | |

| Circuits | Order No. | | Lead-free |
|----------|----------------------------|----------------------------|-----------|
| | 94V-2 | 94V-0 | |
| 14 | 39-29-1148 | 39-29-1147 | Yes |
| 16 | 39-29-1168 | 39-29-1167 | |
| 18 | 39-29-1188 | 39-29-1187 | |
| 20 | 39-29-1208 | 39-29-1207 | |
| 22 | 39-29-1228 | 39-29-1227 | |
| 24 | 39-29-1248 | 39-29-1247 | |



PRODUCT SPECIFICATION

MINI-FIT JR.

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|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 1 of 9 |
| DOCUMENT NUMBER: PS-5556-001 | CREATED / REVISED BY: JKLOSTERMEIER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



PRODUCT SPECIFICATION

1.0 SCOPE

This Product Specification covers performance requirements for the MINI-FIT JR. 4.20 mm (.165 inch) centerline (pitch) printed circuit board (PCB) connector series with Tin or Gold plating, and The MINI-FIT JR. connector series terminated with 16 to 28 AWG wire using Crimp technology with Tin or Gold plating.

2.0 PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND SERIES NUMBER (S)

| Table 1 – WIRE-TO-WIRE | | | | | |
|------------------------|---------------|------|-----|-----|-----|
| Description | Series Number | RoHS | UL | CSA | TUV |
| Female Crimp Terminal | 5556 | Yes | n/a | n/a | n/a |
| Receptacle Housing | 5557 | Yes | Yes | Yes | Yes |
| Male Crimp Terminal | 5558 | Yes | n/a | n/a | n/a |
| Plug Housing | 5559 | Yes | Yes | Yes | Yes |

| Table 2 – WIRE-TO-BOARD | | | | | |
|-------------------------|---------------|------|-----|-----|-----|
| Description | Series Number | RoHS | UL | CSA | TUV |
| Female Crimp Terminal | 5556 | Yes | n/a | n/a | n/a |
| Receptacle Housing | 5557 | Yes | Yes | Yes | Yes |
| Vertical Header | 5566 | Yes | Yes | Yes | Yes |
| Right Angle Header | 5569 | Yes | Yes | Yes | Yes |

2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

See the appropriate sales drawings for the information on dimensions, materials, platings and markings.

2.3 SAFETY AGENCY APPROVALS

UL File: E29179

CSA Certificate: LR 19980

TUV Certificate: R75142-8

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

See sales drawings and the other sections of this specification for the necessary referenced documents and specifications.

| | | | |
|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 2 of 9 |
| DOCUMENT NUMBER: PS-5556-001 | CREATED / REVISED BY: JKLOSTERMEIER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



PRODUCT SPECIFICATION

4.0 RATINGS

4.1 VOLTAGE

600 Volts AC (RMS) (or 600 Volts DC)

4.2 APPLICABLE WIRES

| | |
|---|--|
| Maximum Insulation Diameter and Applicable Wire Gauges | 16 AWG: 3.10 mm / .122 inches MAXIMUM |
| | 18-24 AWG: 3.10 mm / .122 inches MAXIMUM |
| | 22-28 AWG: 1.80 mm / .071 inches MAXIMUM |

4.3 MAXIMUM CURRENT RATING (Amperes)

| Table 3 - MAXIMUM CURRENT RATING (Amperes) | | | | | | | | | | |
|--|-------|-------|--------|---------|------------------|-------|-------|--------|---------|--|
| Brass | | | | | Phosphor Bronze | | | | | |
| Wire \ Ckt. Size | 2 & 3 | 4 - 6 | 7 - 10 | 12 - 24 | Wire \ Ckt. Size | 2 & 3 | 4 - 6 | 7 - 10 | 12 - 24 | |
| AWG #16 | 9 | 8 | 7 | 6 | AWG #16 | 8 | 7 | 6 | 5 | |
| AWG #18 | 9 | 8 | 7 | 6 | AWG #18 | 8 | 7 | 6 | 5 | |
| AWG #20 | 7 | 6 | 5 | 5 | AWG #20 | 6 | 5 | 4 | 4 | |
| AWG #22 | 5 | 4 | 4 | 4 | AWG #22 | 4 | 3 | 3 | 3 | |
| AWG #24 | 4 | 3 | 3 | 3 | AWG #24 | 3 | 2 | 2 | 2 | |
| AWG #26 | 3 | 2 | 2 | 2 | AWG #26 | 2 | 1 | 1 | 1 | |
| AWG #28 | 2 | 1 | 1 | 1 | AWG #28 | 1 | 1 | 1 | 1 | |

Note: PCB trace design may greatly affect temperature rise results in Wire-to-Board Applications.

4.4 TEMPERATURE

Operating: * - 40°C to + 105°C

Nonoperating: - 40°C to + 105°C

**Including 30°C terminal temperature at rated current*

4.5 WAVE SOLDER PROCESS TEMPERATURE

Headers with pegs: 240°C Maximum

Headers without pegs: 260°C Maximum

| | | | |
|--------------------|---|--|---------------|
| REVISION: | ECR/ECN INFORMATION: | TITLE: | SHEET No. |
| E1 | EC No: UCP2009-0335 DATE: 2008/08/07 | PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | 3 of 9 |
| DOCUMENT NUMBER: | CREATED / REVISED BY: | CHECKED BY: | APPROVED BY: |
| PS-5556-001 | JKLOSTERMEIER | JBELL | FSMITH |



PRODUCT SPECIFICATION

5.0 WIRE-TO-WIRE PERFORMANCE

5.1 ELECTRICAL REQUIREMENTS

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|--|--|---|
| 1 | Contact Resistance (Low Level) | Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA. Wire resistance shall be removed from the measured value. | 10 milliohms MAXIMUM [initial] |
| 2 | Contact Resistance @ Rated Current | Mate connectors: apply a maximum voltage of 20 mV at rated current. | 10 milliohms MAXIMUM [initial] |
| 3 | Contact Resistance of Wire Termination (Low Level) | Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA. | 5 milliohms MAXIMUM [initial] |
| 4 | Insulation Resistance | Mate connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground. | 1000 Megohms MINIMUM |
| 5 | Dielectric Withstanding Voltage | Mate connectors: apply a voltage of 1500 VAC for 1 minute between adjacent terminals and between terminals to ground. | No breakdown. Current leakage < 5 mA |
| 6 | Temperature Rise (via Current Cycling) | Mate connectors. Measure the temperature rise at the rated current after 96 hours, during current cycling (45 minutes ON and 15 minutes OFF per hour) for 240 hours, and after final 96-hour steady state. | Temperature rise: +30°C MAXIMUM |

5.2 MECHANICAL REQUIREMENTS

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|---|---|---|
| 1 | Terminal Mate and Unmate Forces Per Circuit | Insert and withdraw terminal (male to female) at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 14.7 N (3.30 lbf) MAXIMUM insertion force and 0.5 N (0.11 lbf) MINIMUM withdrawal force |
| 2 | Crimp Terminal Retention Force (in Housing) | Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 30 N (6.74 lbf) MINIMUM retention force |
| 3 | Durability | Mate connectors up to 30 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests. | 20 milliohms MAXIMUM |

| | | | |
|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 4 of 9 |
| DOCUMENT NUMBER: PS-5556-001 | CREATED / REVISED BY: JKLOSTERMEIER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



PRODUCT SPECIFICATION

5.2 MECHANICAL REQUIREMENTS (continued)

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|--|--|---|
| 4 | Vibration (Random) | Mate connectors and vibrate per EIA 364-28, test condition VII. | 10 milliohms MAXIMUM (change from initial) and Discontinuity < 1 microsecond |
| 5 | Shock (Mechanical) | Mate connectors and shock at 50 g's with ½ sine wave (11 milliseconds) shocks in the ±X, ±Y, ±Z axes, (18 shocks total). | 20 milliohms MAXIMUM and Discontinuity < 1 microsecond |
| 6 | Wire Pullout Force (Axial) | Apply an axial pullout force on the wire at a rate of 25 ± 6 mm (1 ± ¼ inch). | 16 Awg = 88.0 N (19.8 lbf) Min. 18 Awg = 88.0 N (19.8 lbf) Min. 20 Awg = 59.0 N (13.3 lbf) Min. 22 Awg = 39.0 N (8.78 lbf) Min. 24 Awg = 29.0 N (6.52 lbf) Min. 26 Awg = 19.0 N (4.27 lbf) Min. 28 Awg = 9.80 N (2.20 lbf) Min. |
| 7 | Crimp Terminal Insertion Force (into Housing) | Apply an axial insertion force on the terminal at a rate of 25 ± 6 mm (1 ± ¼ inch). | 15.0 N (3.37 lbf) MAXIMUM insertion force |
| 8 | Normal Force | Apply a perpendicular force. | Sn 1.47 N (150 grams) MINIMUM |
| | | | Au 0.49 N (50 grams) MINIMUM |
| 9 | Panel Insertion and Withdrawl Forces | Insert and withdraw a connector at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Applies only to plugs with panel retention feature) | 225 N (50.7 lbf) MAXIMUM insertion force and 157 N (35.3 lbf) MINIMUM withdrawl force |
| 10 | Thumbatch Operation Force | Depress latch at a speed rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 16.67 N (3.75 lbf) MAXIMUM |
| 11 | Thumbatch Yield Strength | Mate loaded connectors fully. Pull apart via wires at a speed rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 68 N (15.3 lbf) MINIMUM |

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|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 5 of 9 |
| DOCUMENT NUMBER: PS-5556-001 | CREATED / REVISED BY: JKLOSTERMEIER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



PRODUCT SPECIFICATION

5.3 ENVIRONMENTAL REQUIREMENTS

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|--|---|---|
| 1 | Thermal Shock | Mate connectors: expose for 5 cycles Between temperatures -55 and 105°C ; Dwell 0.5 hours at each temperature. | 20 milliohms MAXIMUM Visual: No Damage Dielectric Strength per 5.1.5 Insulation Resistance per 5.1.4 |
| 2 | Thermal Aging | Mate connectors; expose to: 96 hours at $105 \pm 2^{\circ}\text{C}$ | 20 milliohms MAXIMUM and Visual: No Damage |
| 3 | Humidity (Steady State) | Mate connectors: expose to a temperature of $60 \pm 2^{\circ}\text{C}$ with a relative humidity of 90-95% for 96 hours. | 20 milliohms MAXIMUM Visual: No Damage Dielectric Strength per 5.1.5 Insulation Resistance per 5.1.4 |
| 4 | Cold Resistance | Mate connectors: Duration: 96 hours; Temperature: $-40 \pm 3^{\circ}\text{C}$ | 20 milliohms MAXIMUM and Visual: No Damage |
| 5 | Corrosive Atmosphere: Sulfur Dioxide Gas (SO₂) | Mate connectors: Duration: 24 hours exposure. Atmosphere: 50 parts per million (ppm) SO ₂ Gas. Temperature: $40 \pm 3^{\circ}\text{C}$ | 20 milliohms MAXIMUM and Visual: No Damage |

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|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 6 of 9 |
| DOCUMENT NUMBER: PS-5556-001 | CREATED / REVISED BY: JKLOSTERMEIER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



PRODUCT SPECIFICATION

6.0 WIRE-TO-BOARD PERFORMANCE

6.1 ELECTRICAL REQUIREMENTS

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|--|--|---|
| 1 | Contact Resistance (Low Level) | Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA. Wire resistance shall be removed from the measured value. | 10 milliohms MAXIMUM [initial] |
| 2 | Contact Resistance @ Rated Current | Mate connectors: apply a maximum voltage of 20 mV at rated current. | 10 milliohms MAXIMUM [initial] |
| 3 | Contact Resistance of Wire Termination (Low Level) | Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA. | 5 milliohms MAXIMUM [initial] |
| 4 | Insulation Resistance | Mate connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground. | 1000 Megohms MINIMUM |
| 5 | Dielectric Withstanding Voltage | Mate connectors: apply a voltage of 1500 VAC for 1 minute between adjacent terminals and between terminals to ground. | No breakdown. Current leakage < 5 mA |
| 6 | Temperature Rise (via Current Cycling) | Mate connectors. Measure the temperature rise at the rated current after 96 hours, during current cycling (45 minutes ON and 15 minutes OFF per hour) for 240 hours, and after final 96-hour steady state. | Temperature rise: +30°C MAXIMUM |

6.2 MECHANICAL REQUIREMENTS

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|---|---|---|
| 1 | Terminal Mate and Unmate Forces Per Circuit | Insert and withdraw terminal (male to female) at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 14.7 N (3.30 lbf) MAXIMUM insertion force and 0.5 N (0.11 lbf) MINIMUM withdrawal force |
| 2 | Crimp Terminal Retention Force (in Housing) | Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 30 N (6.74 lbf) MINIMUM retention force |
| 3 | Durability | Mate connectors up to 30 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests. | 20 milliohms MAXIMUM |

| | | | |
|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 7 of 9 |
| DOCUMENT NUMBER: PS-5556-001 | CREATED / REVISED BY: JKLOSTERMEIER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



PRODUCT SPECIFICATION

6.2 MECHANICAL REQUIREMENTS (continued)

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|---|---|---|
| 4 | Vibration (Random) | Mate connectors and vibrate per EIA 364-28, test condition VII. | 10 milliohms MAXIMUM (change from initial) and Discontinuity < 1 microsecond |
| 5 | Shock (Mechanical) | Mate connectors and shock at 50 g's with ½ sine wave (11 milliseconds) shocks in the ±X, ±Y, ±Z axes, (18 shocks total). | 20 milliohms MAXIMUM and Discontinuity < 1 microsecond |
| 6 | Wire Pullout Force (Axial) | Apply an axial pullout force on the wire at a rate of 25 ± 6 mm (1 ± ¼ inch). | 16 Awg = 88.0 N (19.8 lbf) Min. 18 Awg = 88.0 N (19.8 lbf) Min. 20 Awg = 59.0 N (13.3 lbf) Min. 22 Awg = 39.0 N (8.78 lbf) Min. 24 Awg = 29.0 N (6.52 lbf) Min. 26 Awg = 19.0 N (4.27 lbf) Min. 28 Awg = 9.80 N (2.20 lbf) Min. |
| 7 | Crimp Terminal Insertion Force (into Housing) | Apply an axial insertion force on the terminal at a rate of 25 ± 6 mm (1 ± ¼ inch). | 15.0 N (3.37 lbf) MAXIMUM insertion force |
| 8 | Normal Force | Apply a perpendicular force. | Sn 1.47 N (150 grams) MINIMUM |
| | | | Au 0.49 N (50 grams) MINIMUM |
| 9 | PCB Engagement and Separation Forces | Engage and separate a connector at a rate of 25 ± 6 mm (1 ± ¼ inch) per minute. (Applies to parts with PCB retention features only) | 49.0 N (11.0 lbf) MAXIMUM insertion force and 10.0 N (2.24 lbf) MINIMUM withdrawal force |
| 10 | Pin Retention Force | Apply axial push force at the speed rate of 25 ± 3mm/minute. | 9.81 N (2.20 lbf) MINIMUM RETENTION FORCE |
| 11 | Thumbatch Operation Force | Depress latch at a speed rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 16.67 N (3.75 lbf) MAXIMUM |
| 12 | Thumbatch Yield Strength | Mate loaded connectors fully. Pull apart via wires at a speed rate of 25 ± 6 mm (1 ± ¼ inch) per minute. | 68 N (15.3 lbf) MINIMUM |

| | | | |
|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 8 of 9 |
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PRODUCT SPECIFICATION

6.3 ENVIRONMENTAL REQUIREMENTS

| ITEM | DESCRIPTION | TEST CONDITION | REQUIREMENT |
|------|--|---|---|
| 1 | Thermal Shock | Mate connectors: expose for 5 cycles Between temperatures -55 and 105°C; Dwell 0.5 hours at each temperature. | 20 milliohms MAXIMUM Visual: No Damage Dielectric Strength per 6.1.5 Insulation Resistance per 6.1.4 |
| 2 | Thermal Aging | Mate connectors; expose to: 96 hours at 105 ± 2°C | 20 milliohms MAXIMUM and Visual: No Damage |
| 3 | Humidity (Steady State) | Mate connectors: expose to a temperature of 60 ± 2°C with a relative humidity of 90-95% for 96 hours. | 20 milliohms MAXIMUM Visual: No Damage Dielectric Strength per 6.1.5 Insulation Resistance per 6.1.4 |
| 4 | Solderability | Per SMES-152 | Solder coverage: 95% MINIMUM (per SMES-152) |
| 5 | Solder Resistance | Dip connector terminals tail in solder: Solder Duration: 5 ± 0.5 seconds; Solder Temperature: 260 ± 5°C | Visual: No Damage to insulator material |
| 6 | Cold Resistance | Mate connectors: Duration; 96 hours; Temperature: -40 ± 3°C | 20 milliohms MAXIMUM and Visual: No Damage |
| 7 | Corrosive Atmosphere: Sulfur Dioxide Gas (SO₂) | Mate connectors: Duration; 24 hours exposure. Atmosphere: 50 parts per million (ppm) SO ₂ Gas. Temperature: 40 ± 3°C | 20 milliohms MAXIMUM and Visual: No Damage |

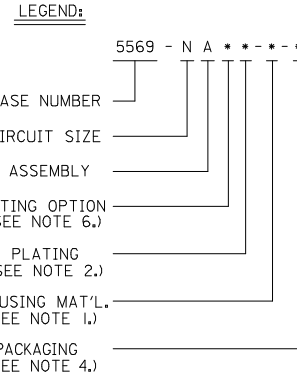
7.0 TEST SEQUENCES

Testing sequences to be performed in accordance with EIA-364-1000.01

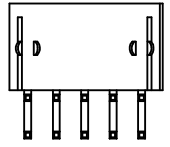
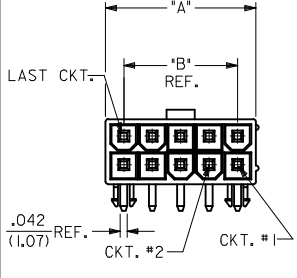
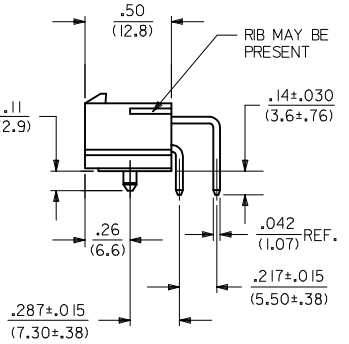
8.0 PACKAGING

Parts shall be packaged to protect against damage during handling, transit and storage.

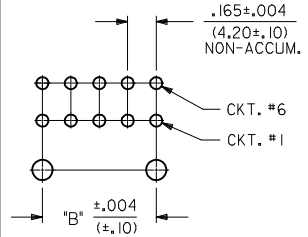
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|--|---|--|-------------------------------|
| REVISION: E1 | ECR/ECN INFORMATION: EC No: UCP2009-0335 DATE: 2008/08/07 | TITLE: PRODUCT SPECIFICATION FOR MINI-FIT JR. CONNECTOR SYSTEM | SHEET No. 9 of 9 |
| DOCUMENT NUMBER: PS-5556-001 | CREATED / REVISED BY: JKLOSTERMEIER | CHECKED BY: JBELL | APPROVED BY: FSMITH |



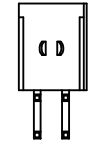
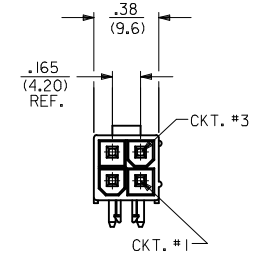
| CIRCUIT SIZE | DIM. "A" | DIM. "B" |
|--------------|----------------|----------------|
| 6 | .54 (13.8) | .33 (8.4) |
| 8 | .71 (18.0) | .50 (12.6) |
| 10 | .87 (22.2) | .66 (16.8) |
| 12 | 1.04 (26.4) | .83 (21.0) |
| 14 | 1.20 (30.6) | .99 (25.2) |
| 16 | 1.37 (34.8) | 1.16 (29.4) |
| 18 | 1.54 (39.0) | 1.32 (33.6) |
| 20 | 1.70 (43.2) | 1.49 (37.8) |
| 22 | 1.87 (47.4) | 1.65 (42.0) |
| 24 | 2.03 (51.6) | 1.82 (46.2) |



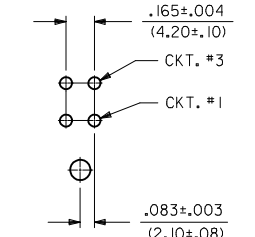
5569-AA2*-*



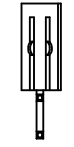
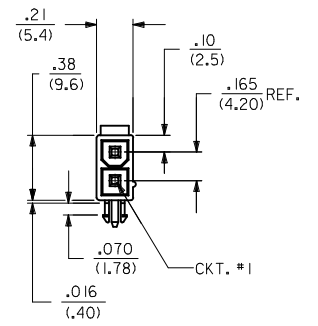
RECOMMENDED HOLE LAYOUT FOR .070(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE



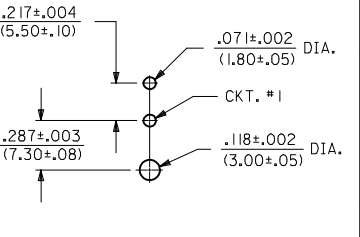
5569-04A2*-*



RECOMMENDED HOLE LAYOUT FOR .070(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE



5569-02A2*-*



RECOMMENDED HOLE LAYOUT FOR .070(1.78) MAX. THICK P.C. BOARD VIEWED FROM COMPONENT SIDE

NOTES:

1) MATERIAL:
HOUSING:
"BLANK" = NYLON (PA66), UNFILLED, UL94V-2, COLOR: NATURAL
"100" = NYLON (PA66), UNFILLED, UL94V-2, COLOR: BLACK
"BL" = NYLON (PA66), UNFILLED, UL94V-2, COLOR: BLACK
"210" = NYLON (PA66), UNFILLED, UL94V-0, COLOR: NATURAL
"400" = NYLON (PA66), UNFILLED, UL94V-0, COLOR: BLACK
TERMINAL:
BRASS ALLOY

2) FINISH (PLATING):
"BLANK" = .000200/(0.00508) MIN. BRIGHT TIN OVER
.000100/(0.00254) MIN. COPPER
"G" = .000030/(0.00076) MIN. GOLD OVER
.000050/(0.00127) MIN. NICKEL
"G2" = .000015/(0.00038) MIN. GOLD OVER
.000030/(0.00076) MIN. NICKEL
"G3" = .000050/(0.00127) MIN. GOLD OVER
.000050/(0.00127) MIN. NICKEL
"GS" = .000030/(0.00076) MIN. SELECT GOLD OVER
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
"GS2" = .000015/(0.00038) MIN. SELECT GOLD OVER
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
"GS3" = .000050/(0.00127) MIN. SELECT GOLD OVER
.000100/(0.00254) MIN. SELECT MATTE TIN
OVER .000050/(0.00127) MIN. NICKEL OVERALL
"S" = .000100/(0.00254) MIN. BRIGHT TIN OVER
.000050/(0.00127) MIN. NICKEL
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO
RoHS DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE
2000/53/EC". CARTONS WITHOUT THIS LABEL MAY CONTAIN
PRODUCT WITH TIN-LEAD PLATING.

3) PRODUCT SPECIFICATION: SHOWN IN CHART AT RIGHT
4) PACKAGING:
"BLANK" = BULK PACKED PER PK-5569-002
"T" = TRAY PACKED PER PK-5569-003

5) PART MATES WITH MINI-FIT JR. RECEPTACLE SERIES 5557.
6) MOUNTING OPTIONS:
1 = SCREW MOUNT (SEE SD-5569-NA* SERIES DRAWING)
2 = PEG MOUNT
7) DISCOLORATION IN THE BANDOLIER CARRIER AREA OF THE PIN IS
INHERENT TO THE PLATING PROCESS AND IS DUE TO THE MASKING
EFFECT OF THE CARRIER. THIS DISCOLORATION IS IN A NON-FUNCTIONAL
AREA OF THE PIN AND WILL NOT AFFECT THE PERFORMANCE OF THE
HEADER ASSEMBLY.
8) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.
9) CONNECTORS ARE NOT TO BE MATED AND UNMATED WHILE CIRCUITS ARE LIVE.
10) PARTS ARE NOT DESIGNED FOR CURRENT SHARING.

| | |
|---------------------------|-------------|
| 5569-AA2S-BL | PS-5556-001 |
| 5569-AA2G3-BL | PS-5556-001 |
| 5569-AA2G2-BL | PS-5556-001 |
| 5569-AA2G-BL | PS-5556-001 |
| 5569-AA2-BL | PS-5556-001 |
| 5569-AA2G3 & -AA2G3-210 | PS-5556-001 |
| 5569-AA2S & -AA2S-210 | PS-5556-001 |
| 5569-AA2GS3 & -AA2GS3-210 | PS-5556-001 |
| 5569-AA2GS2 & -AA2GS2-210 | PS-5556-001 |
| 5569-AA2GS & -AA2GS-210 | PS-5556-001 |
| 5569-AA2G2 & -AA2G2-210 | PS-5556-001 |
| 5569-AA2G & -AA2G-210 | PS-5556-001 |
| 5569-AA2 & -AA2-210 | PS-5556-001 |

| | | |
|------|---------------|------|
| 2-6 | GENERAL DOCS. | L |
| 1 | MEIO | L1 |
| SHT. | SOFTWARE | REV. |

| | |
|----------|-----------------|
| ENG. NO. | PROD. SPEC. NO. |
|----------|-----------------|

PRODUCT SPEC. CHART

| <p>CORRECTED DIMENSION EC NO: UCP2009-0576 DRAWN: KLOSTNER/ER 2008/10/07 CHKD: JBELL 2008/10/08 APPR: FSMITH 2008/10/08</p> | <p>QUALITY SYMBOLS ▽=0 ▽=0</p> | <p>GENERAL TOLERANCES (UNLESS SPECIFIED)</p> <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .010</td> <td>± .0004</td> </tr> <tr> <td>2 PLACES</td> <td>± .015</td> <td>± .0006</td> </tr> <tr> <td>1 PLACE</td> <td>± .025</td> <td>± .0010</td> </tr> </tbody> </table> | | mm | INCH | 4 PLACES | ± .005 | ± .0002 | 3 PLACES | ± .010 | ± .0004 | 2 PLACES | ± .015 | ± .0006 | 1 PLACE | ± .025 | ± .0010 | <p>DIMENSION STYLE IN/MM</p> | <p>SCALE 4:1</p> | <p>DESIGN UNITS METRIC</p> | <p>THIRD ANGLE PROJECTION</p> |
|--|--|--|--|-----------------------------|------|----------|--------|---------|----------|--------|---------|----------|--------|---------|---------|--------|---------|----------------------------------|----------------------|--------------------------------|-------------------------------|
| | | | mm | INCH | | | | | | | | | | | | | | | | | |
| | | 4 PLACES | ± .005 | ± .0002 | | | | | | | | | | | | | | | | | |
| | | 3 PLACES | ± .010 | ± .0004 | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± .015 | ± .0006 | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± .025 | ± .0010 | | | | | | | | | | | | | | | | | | | |
| <p>DRAWN BY R J F</p> | <p>DATE 1988/02/16</p> | <p>TITLE MINI-FIT JR RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS</p> | | | | | | | | | | | | | | | | | | | |
| <p>CHECKED BY GT</p> | <p>DATE 1988/02/16</p> | <p>MOLEX INCORPORATED</p> | | | | | | | | | | | | | | | | | | | |
| <p>APPROVED BY RAS</p> | <p>DATE 1988/02/16</p> | <p>MATERIAL NO. SEE CHART</p> | <p>DOCUMENT NO. SDA-5569-NA2*-*</p> | <p>SHEET NO. 1 OF 6</p> | | | | | | | | | | | | | | | | | |

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

BULK PACKAGED PER PK-5569-002

| PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L | PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L |
|-------------|-------------|-----------|--|-----------|-------------|---------------|-----------|--|-----------|
| 39-30-1020 | 5569-02A2 | 2 | TIN OVER COPPER SEE NOTE 2 OPTION "BLANK" | 94V-2 | 39-30-0020 | 5569-02A2-210 | 2 | TIN OVER COPPER SEE NOTE 2 OPTION "BLANK" | 94V-0 |
| 39-30-1040 | 5569-04A2 | 4 | | | 39-30-0040 | 5569-04A2-210 | 4 | | |
| 39-30-1060 | 5569-06A2 | 6 | | | 39-30-0060 | 5569-06A2-210 | 6 | | |
| 39-30-1080 | 5569-08A2 | 8 | | | 39-30-0080 | 5569-08A2-210 | 8 | | |
| 39-30-1100 | 5569-10A2 | 10 | | | 39-30-0100 | 5569-10A2-210 | 10 | | |
| 39-30-1120 | 5569-12A2 | 12 | | | 39-30-0120 | 5569-12A2-210 | 12 | | |
| 39-30-1140 | 5569-14A2 | 14 | | | 39-30-0140 | 5569-14A2-210 | 14 | | |
| 39-30-1160 | 5569-16A2 | 16 | | | 39-30-0160 | 5569-16A2-210 | 16 | | |
| 39-30-1180 | 5569-18A2 | 18 | | | 39-30-0180 | 5569-18A2-210 | 18 | | |
| 39-30-1200 | 5569-20A2 | 20 | | | 39-30-0200 | 5569-20A2-210 | 20 | | |
| 39-30-1220 | 5569-22A2 | 22 | | | 39-30-0220 | 5569-22A2-210 | 22 | | |
| 39-30-1240 | 5569-24A2 | 24 | | | 39-30-0240 | 5569-24A2-210 | 24 | | |

| | | | | | | | | | |
|------------|------------|----|---|-------|------------|----------------|----|---|-------|
| 39-30-1021 | 5569-02A2G | 2 | 30 μ" GOLD SEE NOTE 2 OPTION "G" | 94V-2 | 39-30-1022 | 5569-02A2G-210 | 2 | 30 μ" GOLD SEE NOTE 2 OPTION "G" | 94V-0 |
| 39-30-1041 | 5569-04A2G | 4 | | | 39-30-1042 | 5569-04A2G-210 | 4 | | |
| 39-30-1061 | 5569-06A2G | 6 | | | 39-30-1062 | 5569-06A2G-210 | 6 | | |
| 39-30-1081 | 5569-08A2G | 8 | | | 39-30-1082 | 5569-08A2G-210 | 8 | | |
| 39-30-1101 | 5569-10A2G | 10 | | | 39-30-1102 | 5569-10A2G-210 | 10 | | |
| 39-30-1121 | 5569-12A2G | 12 | | | 39-30-1122 | 5569-12A2G-210 | 12 | | |
| 39-30-1141 | 5569-14A2G | 14 | | | 39-30-1142 | 5569-14A2G-210 | 14 | | |
| 39-30-1161 | 5569-16A2G | 16 | | | 39-30-1162 | 5569-16A2G-210 | 16 | | |
| 39-30-1181 | 5569-18A2G | 18 | | | 39-30-1182 | 5569-18A2G-210 | 18 | | |
| 39-30-1201 | 5569-20A2G | 20 | | | 39-30-1202 | 5569-20A2G-210 | 20 | | |
| 39-30-1221 | 5569-22A2G | 22 | | | 39-30-1222 | 5569-22A2G-210 | 22 | | |
| 39-30-1241 | 5569-24A2G | 24 | | | 39-30-1242 | 5569-24A2G-210 | 24 | | |

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| 39-30-0021 | 5569-02A2G2 | 2 | 15 μ" GOLD SEE NOTE 2 OPTION "G2" | 94V-2 | 39-30-0022 | 5569-02A2G2-210 | 2 | 15 μ" GOLD SEE NOTE 2 OPTION "G2" | 94V-0 |
| 39-30-0041 | 5569-04A2G2 | 4 | | | 39-30-0042 | 5569-04A2G2-210 | 4 | | |
| 39-30-0061 | 5569-06A2G2 | 6 | | | 39-30-0062 | 5569-06A2G2-210 | 6 | | |
| 39-30-0081 | 5569-08A2G2 | 8 | | | 39-30-0082 | 5569-08A2G2-210 | 8 | | |
| 39-30-0101 | 5569-10A2G2 | 10 | | | 39-30-0102 | 5569-10A2G2-210 | 10 | | |
| 39-30-0121 | 5569-12A2G2 | 12 | | | 39-30-0122 | 5569-12A2G2-210 | 12 | | |
| 39-30-0141 | 5569-14A2G2 | 14 | | | 39-30-0142 | 5569-14A2G2-210 | 14 | | |
| 39-30-0161 | 5569-16A2G2 | 16 | | | 39-30-0162 | 5569-16A2G2-210 | 16 | | |
| 39-30-0181 | 5569-18A2G2 | 18 | | | 39-30-0182 | 5569-18A2G2-210 | 18 | | |
| 39-30-0201 | 5569-20A2G2 | 20 | | | 39-30-0202 | 5569-20A2G2-210 | 20 | | |
| 39-30-0221 | 5569-22A2G2 | 22 | | | 39-30-0222 | 5569-22A2G2-210 | 22 | | |
| 39-30-0241 | 5569-24A2G2 | 24 | | | 39-30-0242 | 5569-24A2G2-210 | 24 | | |

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| NOT TOOLED | 5569-02A2G3 | 2 | 50 μ" GOLD SEE NOTE 2 OPTION "G3" | 94V-2 | NOT TOOLED | 5569-02A2G3-210 | 2 | 50 μ" GOLD SEE NOTE 2 OPTION "G3" | 94V-0 |
| 15-27-1514 | 5569-04A2G3 | 4 | | | NOT TOOLED | 5569-04A2G3-210 | 4 | | |
| 15-27-1511 | 5569-06A2G3 | 6 | | | NOT TOOLED | 5569-06A2G3-210 | 6 | | |
| 15-27-1512 | 5569-08A2G3 | 8 | | | NOT TOOLED | 5569-08A2G3-210 | 8 | | |
| 15-27-1503 | 5569-10A2G3 | 10 | | | 15-27-1504 | 5569-10A2G3-210 | 10 | | |
| NOT TOOLED | 5569-12A2G3 | 12 | | | NOT TOOLED | 5569-12A2G3-210 | 12 | | |
| NOT TOOLED | 5569-14A2G3 | 14 | | | NOT TOOLED | 5569-14A2G3-210 | 14 | | |
| 15-27-1513 | 5569-16A2G3 | 16 | | | NOT TOOLED | 5569-16A2G3-210 | 16 | | |
| NOT TOOLED | 5569-18A2G3 | 18 | | | NOT TOOLED | 5569-18A2G3-210 | 18 | | |
| NOT TOOLED | 5569-20A2G3 | 20 | | | NOT TOOLED | 5569-20A2G3-210 | 20 | | |
| NOT TOOLED | 5569-22A2G3 | 22 | | | NOT TOOLED | 5569-22A2G3-210 | 22 | | |
| NOT TOOLED | 5569-24A2G3 | 24 | | | NOT TOOLED | 5569-24A2G3-210 | 24 | | |

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| REVISION: L | ECR/ECN INFORMATION: EC No: UCP2007-2432 DATE: 2007/04/02 | TITLE: MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS | SHEET No. - 2 - |
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| DOCUMENT NUMBER: SDA-5569-NA2*-* | Drawn By: LSCHMIDT | Checked By: ADERR | Approved By: FSMITH |
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BULK PACKAGED PK-5569-002

| PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L | PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L |
|-------------|-------------|-----------|--|-----------|-------------|-----------------|-----------|--|-----------|
| 39-30-0023 | 5569-02A2GS | 2 | 30 μ" SELECT GOLD SEE NOTE 2 OPTION "GS" | 94V-2 | 39-30-0024 | 5569-02A2GS-210 | 2 | 30 μ" SELECT GOLD SEE NOTE 2 OPTION "GS" | 94V-0 |
| 39-30-0043 | 5569-04A2GS | 4 | | | 39-30-0044 | 5569-04A2GS-210 | 4 | | |
| 39-30-0063 | 5569-06A2GS | 6 | | | 39-30-0064 | 5569-06A2GS-210 | 6 | | |
| 39-30-0083 | 5569-08A2GS | 8 | | | 39-30-0084 | 5569-08A2GS-210 | 8 | | |
| 39-30-0103 | 5569-10A2GS | 10 | | | 39-30-0104 | 5569-10A2GS-210 | 10 | | |
| 39-30-0123 | 5569-12A2GS | 12 | | | 39-30-0124 | 5569-12A2GS-210 | 12 | | |
| 39-30-0143 | 5569-14A2GS | 14 | | | 39-30-0144 | 5569-14A2GS-210 | 14 | | |
| 39-30-0163 | 5569-16A2GS | 16 | | | 39-30-0164 | 5569-16A2GS-210 | 16 | | |
| 39-30-0183 | 5569-18A2GS | 18 | | | 39-30-0184 | 5569-18A2GS-210 | 18 | | |
| 39-30-0203 | 5569-20A2GS | 20 | | | 39-30-0204 | 5569-20A2GS-210 | 20 | | |
| 39-30-0223 | 5569-22A2GS | 22 | | | 39-30-0224 | 5569-22A2GS-210 | 22 | | |
| 39-30-0243 | 5569-24A2GS | 24 | | | 39-30-0244 | 5569-24A2GS-210 | 24 | | |

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| 39-30-1023 | 5569-02A2GS2 | 2 | 15 μ" SELECT GOLD SEE NOTE 2 OPTION "GS2" | 94V-2 | 39-30-1024 | 5569-02A2GS2-210 | 2 | 15 μ" SELECT GOLD SEE NOTE 2 OPTION "GS2" | 94V-0 |
| 39-30-1043 | 5569-04A2GS2 | 4 | | | 39-30-1044 | 5569-04A2GS2-210 | 4 | | |
| 39-30-1063 | 5569-06A2GS2 | 6 | | | 39-30-1064 | 5569-06A2GS2-210 | 6 | | |
| 39-30-1083 | 5569-08A2GS2 | 8 | | | 39-30-1084 | 5569-08A2GS2-210 | 8 | | |
| 39-30-1103 | 5569-10A2GS2 | 10 | | | 39-30-1104 | 5569-10A2GS2-210 | 10 | | |
| 39-30-1123 | 5569-12A2GS2 | 12 | | | 39-30-1124 | 5569-12A2GS2-210 | 12 | | |
| 39-30-1143 | 5569-14A2GS2 | 14 | | | 39-30-1144 | 5569-14A2GS2-210 | 14 | | |
| 39-30-1163 | 5569-16A2GS2 | 16 | | | 39-30-1164 | 5569-16A2GS2-210 | 16 | | |
| 39-30-1183 | 5569-18A2GS2 | 18 | | | 39-30-1184 | 5569-18A2GS2-210 | 18 | | |
| 39-30-1203 | 5569-20A2GS2 | 20 | | | 39-30-1204 | 5569-20A2GS2-210 | 20 | | |
| 39-30-1223 | 5569-22A2GS2 | 22 | | | 39-30-1224 | 5569-22A2GS2-210 | 22 | | |
| 39-30-1243 | 5569-24A2GS2 | 24 | | | 39-30-1244 | 5569-24A2GS2-210 | 24 | | |

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|------------|--------------|----|---|-------|------------|------------------|----|---|-------|
| 39-34-4026 | 5569-02A2GS3 | 2 | 50 μ" SELECT GOLD SEE NOTE 2 OPTION "GS3" | 94V-2 | 39-34-4027 | 5569-02A2GS3-210 | 2 | 50 μ" SELECT GOLD SEE NOTE 2 OPTION "GS3" | 94V-2 |
| 39-34-4046 | 5569-04A2GS3 | 4 | | | 39-34-4047 | 5569-04A2GS3-210 | 4 | | |
| NOT TOOLED | 5569-06A2GS3 | 6 | | | NOT TOOLED | 5569-06A2GS3-210 | 6 | | |
| NOT TOOLED | 5569-08A2GS3 | 8 | | | NOT TOOLED | 5569-08A2GS3-210 | 8 | | |
| NOT TOOLED | 5569-10A2GS3 | 10 | | | NOT TOOLED | 5569-10A2GS3-210 | 10 | | |
| NOT TOOLED | 5569-12A2GS3 | 12 | | | NOT TOOLED | 5569-12A2GS3-210 | 12 | | |
| NOT TOOLED | 5569-14A2GS3 | 14 | | | NOT TOOLED | 5569-14A2GS3-210 | 14 | | |
| NOT TOOLED | 5569-16A2GS3 | 16 | | | NOT TOOLED | 5569-16A2GS3-210 | 16 | | |
| NOT TOOLED | 5569-18A2GS3 | 18 | | | NOT TOOLED | 5569-18A2GS3-210 | 18 | | |
| NOT TOOLED | 5569-20A2GS3 | 20 | | | NOT TOOLED | 5569-20A2GS3-210 | 20 | | |
| NOT TOOLED | 5569-22A2GS3 | 22 | | | NOT TOOLED | 5569-22A2GS3-210 | 22 | | |
| NOT TOOLED | 5569-24A2GS3 | 24 | | | NOT TOOLED | 5569-24A2GS3-210 | 24 | | |

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| 39-30-7025 | 5569-02A2S | 2 | TIN OVER NICKEL SEE NOTE 2 OPTION "S" | 94V-2 | 39-30-7026 | 5569-02A2S-210 | 2 | TIN OVER NICKEL SEE NOTE 2 OPTION "S" | 94V-0 |
| 39-30-7045 | 5569-04A2S | 4 | | | 39-30-7046 | 5569-04A2S-210 | 4 | | |
| 39-30-7065 | 5569-06A2S | 6 | | | 39-30-7066 | 5569-06A2S-210 | 6 | | |
| 39-30-7085 | 5569-08A2S | 8 | | | 39-30-7086 | 5569-08A2S-210 | 8 | | |
| 39-30-7105 | 5569-10A2S | 10 | | | 39-30-7106 | 5569-10A2S-210 | 10 | | |
| 39-30-7125 | 5569-12A2S | 12 | | | 39-30-7126 | 5569-12A2S-210 | 12 | | |
| 39-30-7145 | 5569-14A2S | 14 | | | 39-30-7146 | 5569-14A2S-210 | 14 | | |
| 39-30-7165 | 5569-16A2S | 16 | | | 39-30-7166 | 5569-16A2S-210 | 16 | | |
| 39-30-7185 | 5569-18A2S | 18 | | | 39-30-7186 | 5569-18A2S-210 | 18 | | |
| 39-30-7205 | 5569-20A2S | 20 | | | 39-30-7206 | 5569-20A2S-210 | 20 | | |
| 39-30-7225 | 5569-22A2S | 22 | | | 39-30-7226 | 5569-22A2S-210 | 22 | | |
| 39-30-7245 | 5569-24A2S | 24 | | | 39-30-7246 | 5569-24A2S-210 | 24 | | |

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| REVISION: L | ECR/ECN INFORMATION: EC No: UCP2007-2432 DATE: 2007/04/02 | TITLE: MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS | SHEET No. - 3 - |
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| DOCUMENT NUMBER: SDA-5569-NA2*-* | Drawn By: LSCHMIDT | Checked By: ADERR | Approved By: FSMITH |
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BULK PACKAGED PER PK-5569-002

| PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L | PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L |
|-------------|---------------|-----------|--|-----------|-------------|--------------|-----------|--|-----------|
| 39-34-9022 | 5569-02A2-100 | 2 | TIN OVER COPPER SEE NOTE 2 OPTION "BLANK" | 94V-2 | 39-31-1021 | 5569-02A2-BL | 2 | TIN OVER COPPER SEE NOTE 2 OPTION "BLANK" | 94V-2 |
| 39-34-9042 | 5569-04A2-100 | 4 | | | 39-31-1041 | 5569-04A2-BL | 4 | | |
| 39-34-9064 | 5569-06A2-100 | 6 | | | 39-31-1061 | 5569-06A2-BL | 6 | | |
| 39-34-9084 | 5569-08A2-100 | 8 | | | 39-31-1081 | 5569-08A2-BL | 8 | | |
| 39-34-9104 | 5569-10A2-100 | 10 | | | 39-31-1101 | 5569-10A2-BL | 10 | | |
| 39-34-9124 | 5569-12A2-100 | 12 | | | 39-31-1121 | 5569-12A2-BL | 12 | | |
| 39-34-9144 | 5569-14A2-100 | 14 | | | 39-31-1141 | 5569-14A2-BL | 14 | | |
| 39-34-9164 | 5569-16A2-100 | 16 | | | 39-31-1161 | 5569-16A2-BL | 16 | | |
| 39-34-9184 | 5569-18A2-100 | 18 | | | 39-31-1181 | 5569-18A2-BL | 18 | | |
| 39-34-9204 | 5569-20A2-100 | 20 | | | 39-31-1201 | 5569-20A2-BL | 20 | | |
| 39-34-9224 | 5569-22A2-100 | 22 | | | 39-31-1221 | 5569-22A2-BL | 22 | | |
| 39-34-9244 | 5569-24A2-100 | 24 | | | 39-31-1241 | 5569-24A2-BL | 24 | | |

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| 39-34-9023 | 5569-02A2S-100 | 2 | TIN OVER NICKEL SEE NOTE 2 OPTION "S" | 94V-2 | 39-31-6029 | 5569-02A2G-BL | 2 | 30 μ" GOLD SEE NOTE 2 OPTION "G" | 94V-2 |
| 39-34-9043 | 5569-04A2S-100 | 4 | | | 39-31-6049 | 5569-04A2G-BL | 4 | | |
| 39-34-9063 | 5569-06A2S-100 | 6 | | | 39-31-6069 | 5569-06A2G-BL | 6 | | |
| 39-34-9083 | 5569-08A2S-100 | 8 | | | 39-31-6089 | 5569-08A2G-BL | 8 | | |
| 39-34-9103 | 5569-10A2S-100 | 10 | | | 39-31-6109 | 5569-10A2G-BL | 10 | | |
| 39-34-9123 | 5569-12A2S-100 | 12 | | | 39-31-6129 | 5569-12A2G-BL | 12 | | |
| 39-34-9143 | 5569-14A2S-100 | 14 | | | 39-31-6149 | 5569-14A2G-BL | 14 | | |
| 39-34-9163 | 5569-16A2S-100 | 16 | | | 39-31-6169 | 5569-16A2G-BL | 16 | | |
| 39-34-9183 | 5569-18A2S-100 | 18 | | | 39-31-6189 | 5569-18A2G-BL | 18 | | |
| 39-34-9203 | 5569-20A2S-100 | 20 | | | 39-31-6209 | 5569-20A2G-BL | 20 | | |
| 39-34-9223 | 5569-22A2S-100 | 22 | | | 39-31-6229 | 5569-22A2G-BL | 22 | | |
| 39-34-9243 | 5569-24A2S-100 | 24 | | | 39-31-6249 | 5569-24A2G-BL | 24 | | |

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| 39-34-9020 | 5569-02A2-400 | 2 | TIN OVER COPPER SEE NOTE 2 OPTION "BLANK" | 94V-2 | 39-31-7020 | 5569-02A2G2-BL | 2 | 15 μ" GOLD SEE NOTE 2 OPTION "G2" | 94V-2 |
| 39-34-9040 | 5569-04A2-400 | 4 | | | 39-31-7040 | 5569-04A2G2-BL | 4 | | |
| 39-34-9060 | 5569-06A2-400 | 6 | | | 39-31-7060 | 5569-06A2G2-BL | 6 | | |
| 39-34-9080 | 5569-08A2-400 | 8 | | | 39-31-7080 | 5569-08A2G2-BL | 8 | | |
| 39-34-9100 | 5569-10A2-400 | 10 | | | 39-31-7100 | 5569-10A2G2-BL | 10 | | |
| 39-34-9120 | 5569-12A2-400 | 12 | | | 39-31-7120 | 5569-12A2G2-BL | 12 | | |
| 39-34-9140 | 5569-14A2-400 | 14 | | | 39-31-7140 | 5569-14A2G2-BL | 14 | | |
| 39-34-9160 | 5569-16A2-400 | 16 | | | 39-31-7160 | 5569-16A2G2-BL | 16 | | |
| 39-34-9180 | 5569-18A2-400 | 18 | | | 39-31-7180 | 5569-18A2G2-BL | 18 | | |
| 39-34-9200 | 5569-20A2-400 | 20 | | | 39-31-7200 | 5569-20A2G2-BL | 20 | | |
| 39-34-9220 | 5569-22A2-400 | 22 | | | 39-31-7220 | 5569-22A2G2-BL | 22 | | |
| 39-34-9240 | 5569-24A2-400 | 24 | | | 39-31-7240 | 5569-24A2G2-BL | 24 | | |

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| 39-34-9021 | 5569-02A2S-400 | 2 | TIN OVER NICKEL SEE NOTE 2 OPTION "S" | 94V-2 | 39-31-7021 | 5569-02A2G3-BL | 2 | 50 μ" GOLD SEE NOTE 2 OPTION "G3" | 94V-2 |
| 39-34-9041 | 5569-04A2S-400 | 4 | | | 39-31-7041 | 5569-04A2G3-BL | 4 | | |
| 39-34-9061 | 5569-06A2S-400 | 6 | | | 39-31-7061 | 5569-06A2G3-BL | 6 | | |
| 39-34-9081 | 5569-08A2S-400 | 8 | | | 39-31-7081 | 5569-08A2G3-BL | 8 | | |
| 39-34-9101 | 5569-10A2S-400 | 10 | | | 39-31-7101 | 5569-10A2G3-BL | 10 | | |
| 39-34-9121 | 5569-12A2S-400 | 12 | | | 39-31-7121 | 5569-12A2G3-BL | 12 | | |
| 39-34-9141 | 5569-14A2S-400 | 14 | | | 39-31-7141 | 5569-14A2G3-BL | 14 | | |
| 39-34-9161 | 5569-16A2S-400 | 16 | | | 39-31-7161 | 5569-16A2G3-BL | 16 | | |
| 39-34-9181 | 5569-18A2S-400 | 18 | | | 39-31-7181 | 5569-18A2G3-BL | 18 | | |
| 39-34-9201 | 5569-20A2S-400 | 20 | | | 39-31-7201 | 5569-20A2G3-BL | 20 | | |
| 39-34-9221 | 5569-22A2S-400 | 22 | | | 39-31-7221 | 5569-22A2G3-BL | 22 | | |
| 39-34-9241 | 5569-24A2S-400 | 24 | | | 39-31-7241 | 5569-24A2G3-BL | 24 | | |

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| REVISION: L | ECR/ECN INFORMATION: EC No: UCP2007-2432 DATE: 2007/04/02 | TITLE: MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS | SHEET No. - 4 - |
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| DOCUMENT NUMBER: SDA-5569-NA2*-* | Drawn By: LSCHMIDT | Checked By: ADERR | Approved By: FSMITH |
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BULK PACKAGED PER PK-5569-002

| PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L | PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L |
|-------------|-------------|-----------|------------------|-----------|-------------|---------------|-----------|--|-----------|
| | | | | | 39-31-9029 | 5569-02A2S-BL | 2 | TIN OVER NICKEL SEE NOTE 2 OPTION "S" | 94V-2 |
| | | | | | 39-31-9049 | 5569-04A2S-BL | 4 | | |
| | | | | | 39-31-9069 | 5569-06A2S-BL | 6 | | |
| | | | | | 39-31-9089 | 5569-08A2S-BL | 8 | | |
| | | | | | 39-31-9109 | 5569-10A2S-BL | 10 | | |
| | | | | | 39-31-9129 | 5569-12A2S-BL | 12 | | |
| | | | | | 39-31-9149 | 5569-14A2S-BL | 14 | | |
| | | | | | 39-31-9169 | 5569-16A2S-BL | 16 | | |
| | | | | | 39-31-9189 | 5569-18A2S-BL | 18 | | |
| | | | | | 39-31-9209 | 5569-20A2S-BL | 20 | | |
| | | | | | 39-31-9229 | 5569-22A2S-BL | 22 | | |
| | | | | | 39-31-9249 | 5569-24A2S-BL | 24 | | |

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| REVISION: L | ECR/ECN INFORMATION: EC No: UCP2007-2432 DATE: 2007/04/02 | TITLE: MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS | SHEET No. - 5 - |
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| DOCUMENT NUMBER: SDA-5569-NA2*-* | Drawn By: LSCHMIDT | Checked By: ADERR | Approved By: FSMITH |
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TRAY PACKAGED PER PK-5569-003

| PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L | PART NUMBER | ENG. NUMBER | CKT. SIZE | PLATING (NOTE 2) | HSG MAT'L |
|-------------|---------------|-----------|---------------------------------------|-------------------|--|------------------|------------|---------------------------------------|-----------|
| 50-36-1757 | 5569-02A2S-T | 2 | TIN OVER NICKEL SEE NOTE 2 OPTION "S" | 94V-2 | 50-36-1758 | 5569-02A2S-210-T | 2 | TIN OVER NICKEL SEE NOTE 2 OPTION "S" | 94V-0 |
| 50-36-1767 | 5569-04A2S-T | 4 | | | 50-36-1768 | 5569-04A2S-210-T | 4 | | |
| 50-36-1777 | 5569-06A2S-T | 6 | | | 50-36-1778 | 5569-06A2S-210-T | 6 | | |
| 50-36-1787 | 5569-08A2S-T | 8 | | | 50-36-1788 | 5569-08A2S-210-T | 8 | | |
| 50-36-1797 | 5569-10A2S-T | 10 | | | 50-36-1798 | 5569-10A2S-210-T | 10 | | |
| 50-36-1807 | 5569-12A2S-T | 12 | | | 50-36-1808 | 5569-12A2S-210-T | 12 | | |
| 50-36-1817 | 5569-14A2S-T | 14 | | | 50-36-1818 | 5569-14A2S-210-T | 14 | | |
| 50-36-1827 | 5569-16A2S-T | 16 | | | 50-36-1828 | 5569-16A2S-210-T | 16 | | |
| 50-36-1837 | 5569-18A2S-T | 18 | | | 50-36-1838 | 5569-18A2S-210-T | 18 | | |
| 50-36-1847 | 5569-20A2S-T | 20 | | | 50-36-1848 | 5569-20A2S-210-T | 20 | | |
| 50-36-1857 | 5569-22A2S-T | 22 | | | 50-36-1858 | 5569-22A2S-210-T | 22 | | |
| 50-36-1867 | 5569-24A2S-T | 24 | | | 50-36-1868 | 5569-24A2S-210-T | 24 | | |
| 50-36-1755 | 5569-02A2GS-T | 2 | | | 30 μ" SELECT GOLD SEE NOTE 2 OPTION "GS" | 94V-2 | 50-36-1756 | | |
| 50-36-1765 | 5569-04A2GS-T | 4 | 50-36-1766 | 5569-04A2GS-210-T | | | 4 | | |
| 50-36-1775 | 5569-06A2GS-T | 6 | 50-36-1776 | 5569-06A2GS-210-T | | | 6 | | |
| 50-36-1785 | 5569-08A2GS-T | 8 | 50-36-1786 | 5569-08A2GS-210-T | | | 8 | | |
| 50-36-1795 | 5569-10A2GS-T | 10 | 50-36-1796 | 5569-10A2GS-210-T | | | 10 | | |
| 50-36-1805 | 5569-12A2GS-T | 12 | 50-36-1806 | 5569-12A2GS-210-T | | | 12 | | |
| 50-36-1815 | 5569-14A2GS-T | 14 | 50-36-1816 | 5569-14A2GS-210-T | | | 14 | | |
| 50-36-1825 | 5569-16A2GS-T | 16 | 50-36-1826 | 5569-16A2GS-210-T | | | 16 | | |
| 50-36-1835 | 5569-18A2GS-T | 18 | 50-36-1836 | 5569-18A2GS-210-T | | | 18 | | |
| 50-36-1845 | 5569-20A2GS-T | 20 | 50-36-1846 | 5569-20A2GS-210-T | | | 20 | | |
| 50-36-1855 | 5569-22A2GS-T | 22 | 50-36-1856 | 5569-22A2GS-210-T | | | 22 | | |
| 50-36-1865 | 5569-24A2GS-T | 24 | 50-36-1866 | 5569-24A2GS-210-T | | | 24 | | |
| | | 2 | | | | | | 2 | |
| | | 4 | | | | 4 | | | |
| | | 6 | | | | 6 | | | |
| | | 8 | | | | 8 | | | |
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| | | 12 | | | | 12 | | | |
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| | | 16 | | | | 16 | | | |
| | | 18 | | | | 18 | | | |
| | | 20 | | | | 20 | | | |
| | | 22 | | | | 22 | | | |
| | | 24 | | | | 24 | | | |
| | | 2 | | | | 2 | | | |
| | | 4 | | | | 4 | | | |
| | | 6 | | | | 6 | | | |
| | | 8 | | | | 8 | | | |
| | | 10 | | | | 10 | | | |
| | | 12 | | | | 12 | | | |
| | | 14 | | | | 14 | | | |
| | | 16 | | | | 16 | | | |
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| L | REVISION: | ECR/ECN INFORMATION: | TITLE: | MINI-FIT JR.® RIGHT ANGLE HEADER ASSEMBLIES WITH MOUNTING PEGS | SHEET No. |
| | | EC No: UCP2007-2432 | | | - 6 - |
| | | DATE: 2007/04/02 | | | |

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| DOCUMENT NUMBER: SDA-5569-NA2*-* | Drawn By: LSCHMIDT | Checked By: ADERR | Approved By: FSMITH |
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