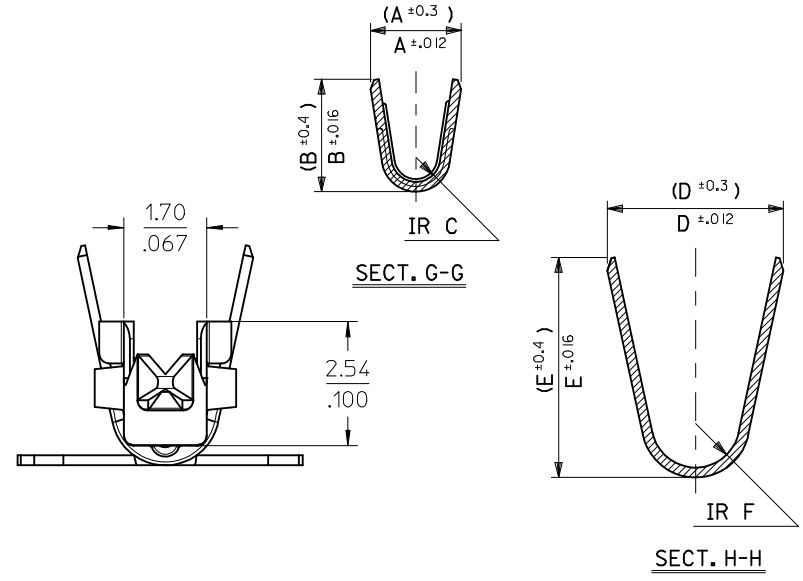
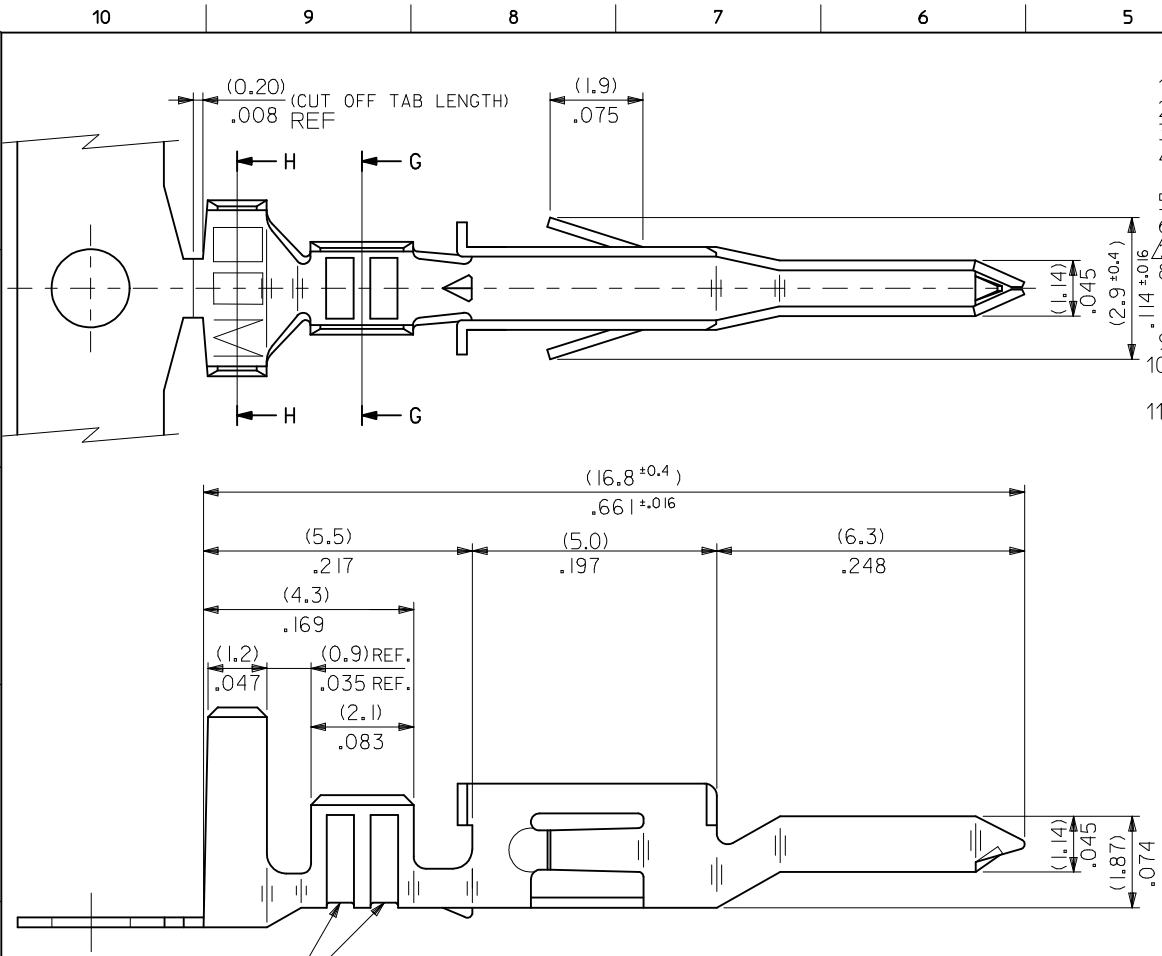


**NOTES**

1. MATERIAL: SEE CHART
2. FINISH: SEE CHART
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003
4. PACKAGING SPECIFICATION: PK-5558-001 FOR CHAIN  
PK-5556-003 FOR LOOSE
5. MATES WITH TERMINAL: 5556 SERIES.
6. APPLICABLE HOUSING: 5559, 30068, 42475 SERIES.
7. THE NUMBER OF SERRATIONS TO BE ONE FOR WIRE RANGE #22-28.
8. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
9. THIS TERMINAL IS DESIGNED FOR SINGLE WIRE CRIMPING.
10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
11. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.

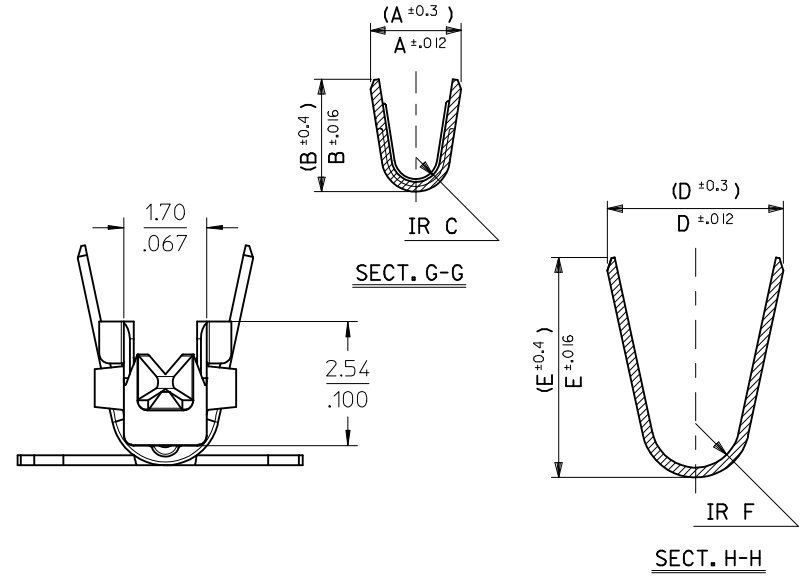
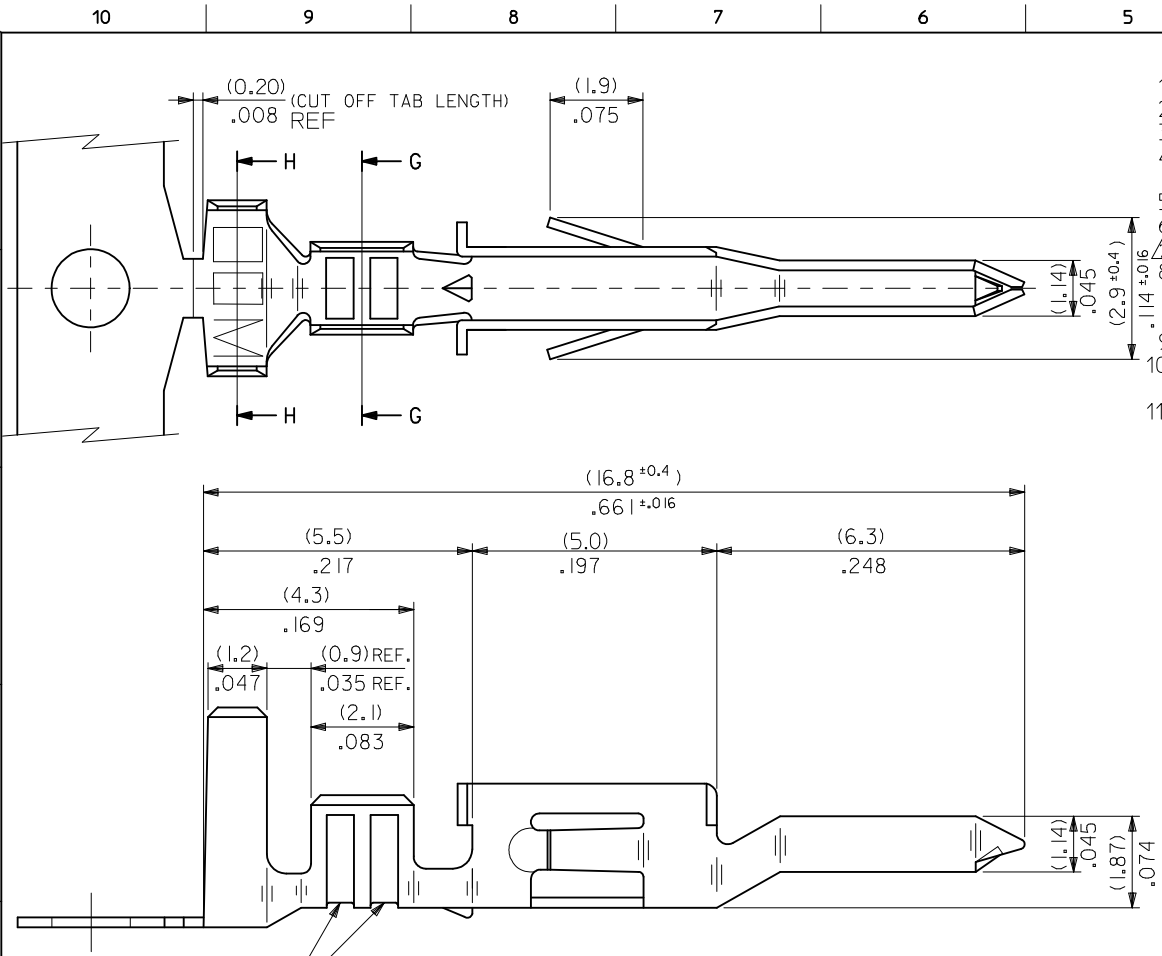


18-24 TERMINAL SHOWN

|   |                                      |                                       |  |  |  |              |                        |   |  |        |
|---|--------------------------------------|---------------------------------------|--|--|--|--------------|------------------------|---|--|--------|
| ADD FRONT VIEW<br>EC NO: UCP2017-1893<br>DRAWN: GLAFTER 2017/02/28<br>CHKD: JBELL 2017/03/14<br>APPR: FSMITH 2017/07/31 | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |  | DIMENSION STYLE<br>MM/IN                             |  | SCALE        | DESIGN UNITS<br>METRIC | THIRD ANGLE PROJECTION  |  |        |
|   |                                      | 4 PLACES ± --- ± ---                  |  | DRAWN BY DATE<br>H.HIRAMOTO 1991/03/12               |  | TITLE        |                        | MINI-FIT JR<br>OVERALL TIN<br>MALE CRIMP TERMINAL<br>MOLEX INCORPORATED |  |        |
|   |                                      | 3 PLACES ± --- ± .010                 |  | CHECKED BY DATE<br>S.KUNISHI 1998/07/07              |  | MATERIAL NO. |                        |   |  |        |
|   |                                      | 2 PLACES ± .25 ± .010                 |  | APPROVED BY DATE<br>FSMITH 2010/04/09                |  | SEE CHART    |                        | SD-5558****   |  | 1 OF 2 |
| 1 PLACE ± .25 ± ---   |                                      | ANGULAR ± 3 °                         |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  |              |                        |   |  |        |

**NOTES**

1. MATERIAL: SEE CHART
2. FINISH: SEE CHART
3. PRODUCT SPECIFICATION: PS-5556-001, PS-5556-002, PS-5556-003
4. PACKAGING SPECIFICATION: PK-5558-001 FOR CHAIN  
PK-5556-003 FOR LOOSE
5. MATES WITH TERMINAL: 5556 SERIES.
6. APPLICABLE HOUSING: 5559, 30068, 42475 SERIES.
7. THE NUMBER OF SERRATIONS TO BE ONE FOR WIRE RANGE #22-28.
8. WHEN TERMINALS ARE INSTALLED IN THE HOUSING THE WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
9. THIS TERMINAL IS DESIGNED FOR SINGLE WIRE CRIMPING.
10. PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.
11. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.



18-24 TERMINAL SHOWN

|   |                   |  |  |  |                                   |              |                        |                     |
|---|-------------------|--|--|--|-----------------------------------|--------------|------------------------|---------------------|
| ADD FRONT VIEW<br>EC NO: UCP2017-1893<br>DRWNG: SLAFTER 2017/02/28<br>CHKD: JBELL 2017/03/14<br>APPR: FSMITH 2017/07/31 | DESCRIPTION<br>L1 | QUALITY SYMBOLS                              | GENERAL TOLERANCES (UNLESS SPECIFIED)  | DIMENSION STYLE  | SCALE                             | DESIGN UNITS | THIRD ANGLE PROJECTION |                     |
|   |                   | $\nabla F=0$<br>$\nabla E=0$<br>$\nabla D=0$ | mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .010<br>2 PLACES ± .25 ± .010<br>1 PLACE ± .25 ± --- | MM/IN  |                                   | METRIC       |                        |                     |
|   |                   |  | ANGULAR ± 3°   | DRAWN BY DATE<br>H.HIRAMOTO 1991/03/12<br>CHECKED BY DATE<br>S.KUNISHI 1998/07/07<br>APPROVED BY DATE<br>FSMITH 2010/04/09 | TITLE                             |              |                        |                     |
|   |                   |  | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS   | MATERIAL NO.<br>SEE CHART<br>SIZE B  | MOLEX INCORPORATED<br>SD-5558**** | DOCUMENT NO. |                        | SHEET NO.<br>1 OF 2 |

10 9 8 7 6 5 4 3 2 1

REFLOWED MATTE TIN 0.00090/(.000035)  
MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE,  
THICKNESS AS APPLIED PRIOR TO REFLOW)

PHOSPHOR  
BRONZE

|               |               |               |               |                |               |                          |        |
|---------------|---------------|---------------|---------------|----------------|---------------|--------------------------|--------|
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.6)<br>.024 | (2.7)<br>.106  | (2.3)<br>.091 | ∅ (3.1)<br>.122 MAX.     | # 16   |
| (0.6)<br>.024 | (2.3)<br>.091 | (2.3)<br>.091 | (0.4)<br>.016 | (1.65)<br>.065 | (1.8)<br>.071 | ∅ (0.9-1.8)<br>.035-.071 | #22-28 |
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.5)<br>.020 | (2.3)<br>.091  | (1.9)<br>.075 | ∅ (1.3-3.1)<br>.051-.122 | #18-24 |

|            |            |       |
|------------|------------|-------|
| 39-00-0084 | 5558 PBT3L | LOOSE |
| ↑ -0083    | ↑ PBT3     | CHAIN |
| -0068      | PBT2L      | LOOSE |
| -0067      | PBT2       | CHAIN |
| -0062      | PBTL       | LOOSE |
| -0061      | PBT        | CHAIN |

REFLOWED MATTE TIN 0.00090/(.000035)  
MIN OVER COPPER 0.00050/(.000020)  
MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE,  
THICKNESS AS APPLIED PRIOR TO REFLOW)

BRASS

|               |               |               |               |                |               |                          |        |
|---------------|---------------|---------------|---------------|----------------|---------------|--------------------------|--------|
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.6)<br>.024 | (2.7)<br>.106  | (2.3)<br>.091 | ∅ (3.1)<br>.122 MAX.     | # 16   |
| (0.6)<br>.024 | (2.3)<br>.091 | (2.3)<br>.091 | (0.4)<br>.016 | (1.65)<br>.065 | (1.8)<br>.071 | ∅ (0.9-1.8)<br>.035-.071 | #22-28 |
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.5)<br>.020 | (2.3)<br>.091  | (1.9)<br>.075 | ∅ (1.3-3.1)<br>.051-.122 | #18-24 |

|            |        |       |
|------------|--------|-------|
| ↑ -0082    | T3L    | LOOSE |
| -0081      | T3     | CHAIN |
| -0049      | T2L    | LOOSE |
| -0048      | T2     | CHAIN |
| ↓ -0041    | ↓ TL   | LOOSE |
| 39-00-0040 | 5558 T | CHAIN |

PLATING

MATERIAL

|   |   |   |   |   |   |            |            |         |          |      |
|---|---|---|---|---|---|------------|------------|---------|----------|------|
| F | E | D | C | B | A | INS. RANGE | WIRE RANGE | EDP NO. | ENG. NO. | FORM |
|---|---|---|---|---|---|------------|------------|---------|----------|------|

|   |                       |                      |   |                       |   |                  |                        |
|---|-----------------------|----------------------|---|-----------------------|---|------------------|------------------------|
| SEE SHEET 1<br>EC NO: UCP2017-1893<br>DRAWN: GSLAFTER 2017/02/28<br>CHKD: JBELL 2017/03/14<br>APPR: FSMITH 2017/07/31 | DESCRIPTION<br>L1     | QUALITY SYMBOLS      | GENERAL TOLERANCES (UNLESS SPECIFIED)   | DIMENSION STYLE       | SCALE   | DESIGN UNITS     | THIRD ANGLE PROJECTION |
|   |                       | ∇=0                  | mm INCH   | MM/IN                 |   | METRIC           |                        |
|   |                       | ∇=0                  | 4 PLACES ± --- ± ---  | DRAWN BY DATE         | TITLE   |                  |                        |
|   |                       | ∇=0                  | 3 PLACES ± --- ± .010   | H.HIRAMOTO 1991/03/12 | MINI-FIT JR<br>OVERALL TIN<br>MALE CRIMP TERMINAL |                  |                        |
|   | 2 PLACES ± .25 ± .010 | CHECKED BY DATE      | MOLEX INCORPORATED  |                       |   |                  |                        |
|   | 1 PLACE ± .25 ± ---   | S.KUNISHI 1998/07/07 | DOCUMENT NO. SD-5558****  |                       |   | SHEET NO. 2 OF 2 |                        |
|   | ANGULAR ± 3 °         | APPROVED BY DATE     | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |   |                  |                        |
|   |                       | FSMITH 2010/04/09    | SEE CHART   |                       |   |                  |                        |
|   |                       | MATERIAL NO.         | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                       |   |                  |                        |
|   |                       | SIZE B               |   |                       |   |                  |                        |

10 9 8 7 6 5 4 3 2 1

REFLOWED MATTE TIN 0.00090/(.000035)  
MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE,  
THICKNESS AS APPLIED PRIOR TO REFLOW)

PHOSPHOR  
BRONZE

|               |               |               |               |                |               |                          |        |
|---------------|---------------|---------------|---------------|----------------|---------------|--------------------------|--------|
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.6)<br>.024 | (2.7)<br>.106  | (2.3)<br>.091 | ∅ (3.1)<br>.122 MAX.     | # 16   |
| (0.6)<br>.024 | (2.3)<br>.091 | (2.3)<br>.091 | (0.4)<br>.016 | (1.65)<br>.065 | (1.8)<br>.071 | ∅ (0.9-1.8)<br>.035-.071 | #22-28 |
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.5)<br>.020 | (2.3)<br>.091  | (1.9)<br>.075 | ∅ (1.3-3.1)<br>.051-.122 | #18-24 |

|            |            |       |
|------------|------------|-------|
| 39-00-0084 | 5558 PBT3L | LOOSE |
| ↑ -0083    | ↑ PBT3     | CHAIN |
| -0068      | PBT2L      | LOOSE |
| -0067      | PBT2       | CHAIN |
| -0062      | PBTL       | LOOSE |
| -0061      | PBT        | CHAIN |

REFLOWED MATTE TIN 0.00090/(.000035)  
MIN OVER COPPER 0.00050/(.000020)  
MIN. (PREPLATE) (FINISH IS BRIGHT IN APPEARANCE,  
THICKNESS AS APPLIED PRIOR TO REFLOW)

BRASS

|               |               |               |               |                |               |                          |        |
|---------------|---------------|---------------|---------------|----------------|---------------|--------------------------|--------|
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.6)<br>.024 | (2.7)<br>.106  | (2.3)<br>.091 | ∅ (3.1)<br>.122 MAX.     | # 16   |
| (0.6)<br>.024 | (2.3)<br>.091 | (2.3)<br>.091 | (0.4)<br>.016 | (1.65)<br>.065 | (1.8)<br>.071 | ∅ (0.9-1.8)<br>.035-.071 | #22-28 |
| (0.9)<br>.035 | (4.5)<br>.177 | (3.6)<br>.142 | (0.5)<br>.020 | (2.3)<br>.091  | (1.9)<br>.075 | ∅ (1.3-3.1)<br>.051-.122 | #18-24 |

|            |        |       |
|------------|--------|-------|
| ↑ -0082    | T3L    | LOOSE |
| -0081      | T3     | CHAIN |
| -0049      | T2L    | LOOSE |
| -0048      | T2     | CHAIN |
| ↓ -0041    | ↓ TL   | LOOSE |
| 39-00-0040 | 5558 T | CHAIN |

PLATING

MATERIAL

|   |   |   |   |   |   |            |            |         |          |      |
|---|---|---|---|---|---|------------|------------|---------|----------|------|
| F | E | D | C | B | A | INS. RANGE | WIRE RANGE | EDP NO. | ENG. NO. | FORM |
|---|---|---|---|---|---|------------|------------|---------|----------|------|

SEE SHEET 1  
EC NO: UCP2017-1893  
DRAWN: GSLAFTER 2017/02/28  
CHKD: JBELL 2017/03/14  
APPR: FSMITH 2017/07/31

QUALITY SYMBOLS  
▽=0  
▽=0  
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

|               |       |        |
|---------------|-------|--------|
|               | mm    | INCH   |
| 4 PLACES      | ± --- | ± ---  |
| 3 PLACES      | ± --- | ± .010 |
| 2 PLACES      | ± .25 | ± .010 |
| 1 PLACE       | ± .25 | ± ---  |
| ANGULAR ± 3 ° |       |        |

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM/IN

DRAWN BY DATE  
H.HIRAMOTO 1991/03/12

CHECKED BY DATE  
S.KUNISHI 1998/07/07

APPROVED BY DATE  
FSMITH 2010/04/09

MATERIAL NO.  
SEE CHART

SIZE  
B

SCALE

DESIGN UNITS  
METRIC

THIRD ANGLE PROJECTION

MINI-FIT JR  
OVERALL TIN  
MALE CRIMP TERMINAL

**molex** MOLEX INCORPORATED

DOCUMENT NO.  
SD-5558\*\*\*\*

SHEET NO.  
2 OF 2

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