

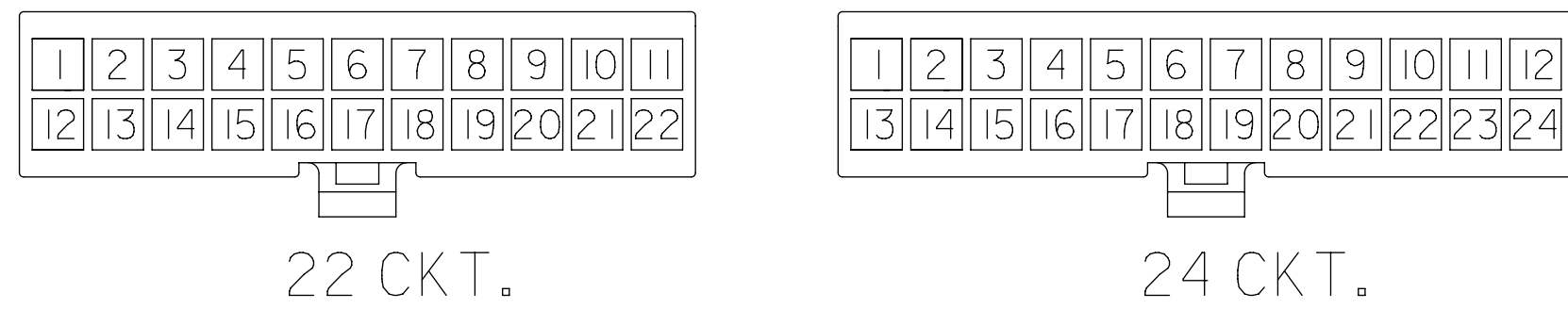
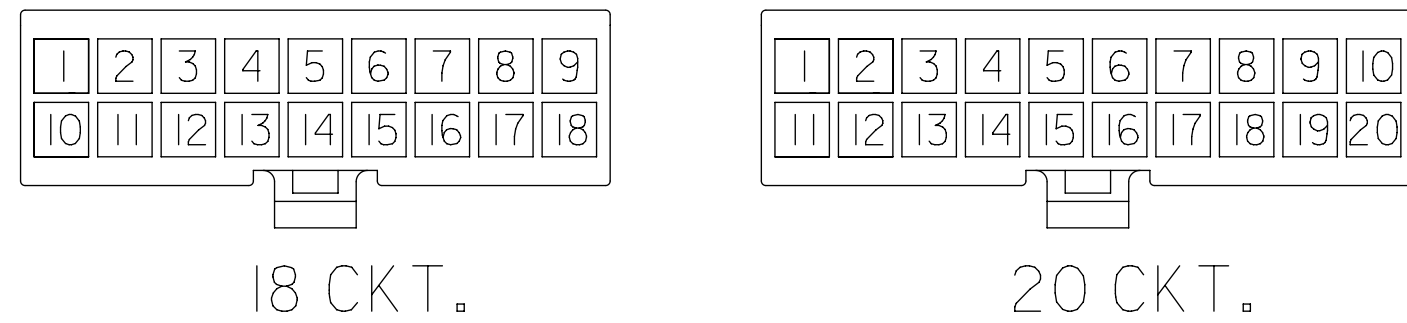
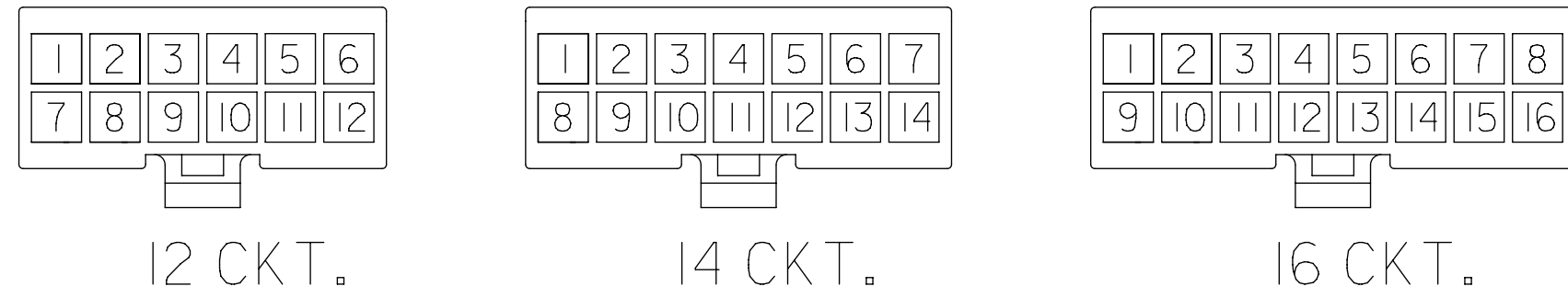
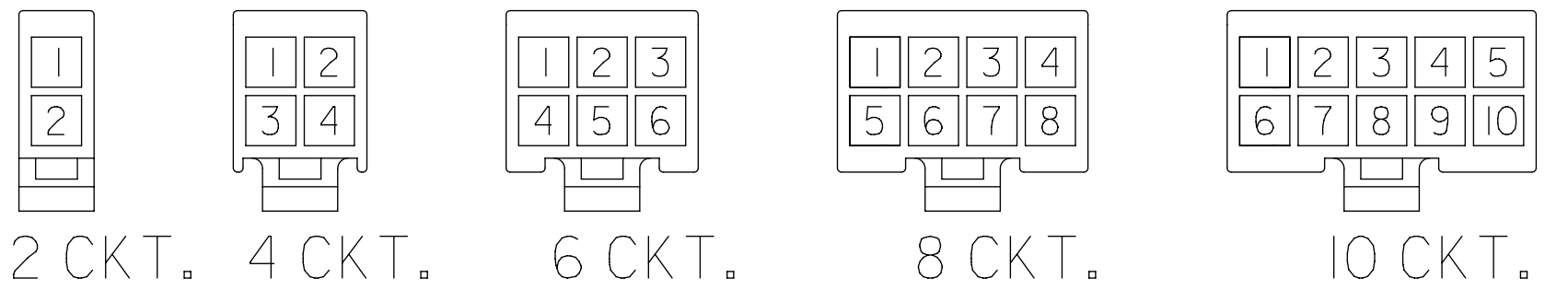
NOTES:

- 1) MATERIAL:
 - "BLANK" = NYLON 6/6, UNFILLED UL94V-2, COLOR: NATURAL.
 - "BL" = NYLON 6/6, UNFILLED UL94V-2, COLOR: BLACK.
 - "BU" = NYLON 6/6, UNFILLED UL94V-2, COLOR: BLUE.
 - "RE" = NYLON 6/6, UNFILLED UL94V-2, COLOR: RED.
 - "YE" = NYLON 6/6, UNFILLED UL94V-2, COLOR: YELLOW
 - "GRE" = NYLON 6/6, UNFILLED UL94V-2, COLOR: GREEN.
 - "210" = NYLON 6/6, UNFILLED UL94V-0, COLOR: NATURAL.
 - "400" = NYLON 6/6, UNFILLED UL94V-0, COLOR: BLACK.
- 2) FINISH: NOT APPLICABLE
- 3) PRODUCT SPECIFICATION: PS-5556-001
- 4) PACKAGING: BULK PACKED PER PK-5557-002
- 5) PART MATES WITH MOLEX PLUG #5559, #172762-0*** AND HEADERS #5566, #5569.
- 6) PART TO BE USED WITH MOLEX FEMALE TERMINAL #5556, #45750.
- 7) PART IS NOT DESIGNED FOR CURRENT SHARING.
- 8) CONNECTORS ARE NOT TO BE MATED OR UNMATED WHILE CIRCUITS ARE LIVE.
- 9) WIRES ARE TO BE DRESSED IN SUCH A MANNER TO ALLOW THE TERMINALS TO FLOAT FREELY IN THE POCKET.
- 10) PART CONFORMS TO CLASS "B" REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002 WITH THE EXCEPTION OF DISCOLORATION, FLASH AND SINK MEET CLASS "C" REQUIREMENTS.
- 11 TO BE MEASURED AT SURFACE [Z]
- 12 TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL.
- 13) BUBBLE IS ACCEPTABLE ON LATCH AREA.

| | | |
|---------------|---------------|--------------|
| 2.031/(51.60) | 1.819/(46.20) | 24 |
| 1.866/(47.40) | 1.654/(42.00) | 22 |
| 1.701/(43.20) | 1.488/(37.80) | 20 |
| 1.535/(39.00) | 1.323/(33.60) | 18 |
| 1.370/(34.80) | 1.157/(29.40) | 16 |
| 1.205/(30.60) | 0.992/(25.20) | 14 |
| 1.039/(26.40) | 0.827/(21.00) | 12 |
| 0.874/(22.20) | 0.661/(16.80) | 10 |
| 0.709/(18.00) | 0.496/(12.60) | 8 |
| 0.543/(13.80) | 0.331/(8.40) | 6 |
| 0.378/(9.60) | 0.165/(4.20) | 4 |
| 0.213/(5.40) | --- | 2 |
| A | B | NO. OF CKTS. |

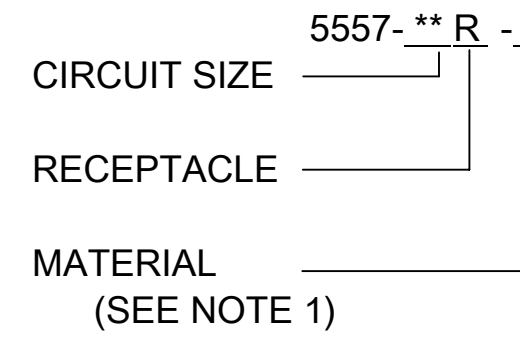
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| | | | | | |
|--|------------------------|--|--|--|--|
| DIMENSION UNITS | SCALE | CURRENT REV DESC: RE-MASTERED USING THE MODEL SERIES 5557**00. | molex | | |
| IN/MM | NTS | | | | |
| GENERAL TOLERANCES (UNLESS SPECIFIED) | | | MINIFIT JR RECEPTACLE HOUSING DUAL ROW 2-24 CKT | | |
| 4 PLACES | ± | ± | PRODUCT CUSTOMER DRAWING | | |
| 3 PLACES | ± | ± 0.01 | DOCUMENT NUMBER | | |
| 2 PLACES | ± 0.25 | ± 0.015 | SD-5557-003 | | |
| 1 PLACE | ± 0.38 | ± | DOC TYPE DOC PART REVISION | | |
| 0 PLACES | ± | ± | PSD 000 K1 | | |
| ANGULAR TOL | ± 0.5 ° | | MATERIAL NUMBER | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING | CUSTOMER | | |
| | | C-SIZE | GENERAL MARKET | | |
| | | SERIES | SHEET NUMBER | | |
| | | 5557 | 1 OF 2 | | |



CIRCUIT SIZE LAYOUT
(NOT TO SCALE)

LEGEND



| V-0 (BLACK) | | | V-0 (NATURAL) | | |
|-------------|--------------|--------------|---------------|--------------|--------------|
| 39-03-9242 | 5557-24R-400 | 24 | 39-01-2245 | 5557-24R-210 | 24 |
| - | - | 22 | 39-01-2225 | 5557-22R-210 | 22 |
| - | - | 20 | 39-01-2205 | 5557-20R-210 | 20 |
| 39-03-9182 | 5557-18R-400 | 18 | 39-01-2185 | 5557-18R-210 | 18 |
| 39-03-9162 | 5557-16R-400 | 16 | 39-01-2165 | 5557-16R-210 | 16 |
| 39-03-9142 | 5557-14R-400 | 14 | 39-01-2145 | 5557-14R-210 | 14 |
| 39-03-9122 | 5557-12R-400 | 12 | 39-01-2125 | 5557-12R-210 | 12 |
| 39-03-9102 | 5557-10R-400 | 10 | 39-01-2105 | 5557-10R-210 | 10 |
| 39-03-9082 | 5557-08R-400 | 8 | 39-01-2085 | 5557-08R-210 | 8 |
| 39-03-9062 | 5557-06R-400 | 6 | 39-01-2065 | 5557-06R-210 | 6 |
| 39-03-9042 | 5557-04R-400 | 4 | 39-01-2045 | 5557-04R-210 | 4 |
| 39-03-9022 | 5557-02R-400 | 2 | 39-01-2025 | 5557-02R-210 | 2 |
| EDP. NO. | ENG. NO. | NO. OF CKTS. | EDP. NO. | ENG. NO. | NO. OF CKTS. |

* = CONSULT FACTORY FOR AVAILABILITY.

| V-2 (BLUE) | | | V-2 (GREEN) | | | V-2 (YELLOW) | | | V-2 (RED) | | | V-2 (BLACK) | | | V-2 (NATURAL) | | | |
|------------|------------|--------------|-------------|----------|--------------|--------------|----------|--------------|------------|-------------|--------------|-------------|-------------|--------------|---------------|------------|--------------|---|
| | | 24 | | | 24 | | | 24 | - | - | 24 | - | - | 24 | 39-01-2240 | 5557-24R | 24 | |
| | | 22 | | | 22 | | | 22 | - | - | 22 | 39-01-3225 | 5557-22R-BL | 22 | 39-01-2220 | 5557-22R | 22 | |
| | | 20 | | | 20 | | | 20 | - | - | 20 | - | - | 20 | 39-01-2200 | 5557-20R | 20 | |
| | | 18 | | | 18 | | | 18 | - | - | 18 | - | - | 18 | 39-01-2180 | 5557-18R | 18 | |
| | | 16 | | | 16 | | | 16 | - | - | 16 | - | - | 16 | 39-01-2160 | 5557-16R | 16 | |
| | | 14 | | | 14 | | | 14 | - | - | 14 | - | - | 14 | 39-01-2140 | 5557-14R | 14 | |
| | | 12 | | | 12 | | | 12 | - | - | 12 | 39-01-3125 | 5557-12R-BL | 12 | 39-01-2120 | 5557-12R | 12 | |
| * | 39-02-7108 | 5557-10R-BU | 10 | | 10 | | | 10 | - | - | 10 | 39-01-3105 | 5557-10R-BL | 10 | 39-01-2100 | 5557-10R | 10 | |
| | | 8 | | | 8 | | | 8 | - | - | 8 | 39-01-3085 | 5557-08R-BL | 8 | 39-01-2080 | 5557-08R | 8 | |
| | | 6 | | | 6 | | | 6 | 39-02-8060 | 5557-06R-RE | 6 | 39-01-3065 | 5557-06R-BL | 6 | 39-01-2060 | 5557-06R | 6 | |
| | | 4 | | | 4 | | | 4 | * | 39-02-8040 | 5557-04R-RE | 4 | 39-01-3045 | 5557-04R-BL | 4 | 39-01-2040 | 5557-04R | 4 |
| | | 2 | | | 2 | | | 2 | - | - | 2 | 39-01-3025 | 5557-02R-BL | 2 | 39-01-2020 | 5557-02R | 2 | |
| EDP. NO. | ENG. NO. | NO. OF CKTS. | EDP. NO. | ENG. NO. | NO. OF CKTS. | EDP. NO. | ENG. NO. | NO. OF CKTS. | EDP. NO. | ENG. NO. | NO. OF CKTS. | EDP. NO. | ENG. NO. | NO. OF CKTS. | EDP. NO. | ENG. NO. | NO. OF CKTS. | |

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| 1 PLACE | ± 0.38 | ± | DOC TYPE DOC PART REVISION | | |
| 0 PLACES | ± | ± | PSD 000 K1 | | |
| ANGULAR TOL | ± 0.5 ° | | MATERIAL NUMBER CUSTOMER SHEET NUMBER | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING SERIES | SEE TABLE GENERAL MARKET 2 OF 2 | | |

EC NO: 778837
DRWN: NAVEEK19 2024/02/12
CHK'D: XQZHANG 2024/03/04
APPR: XQZHANG 2024/03/04
INITIAL REVISION:
DRWN: S.MOCHIZUKI 1990/02/22
APPR: FSMITH 2011/02/21

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