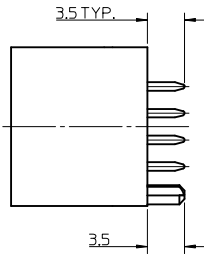
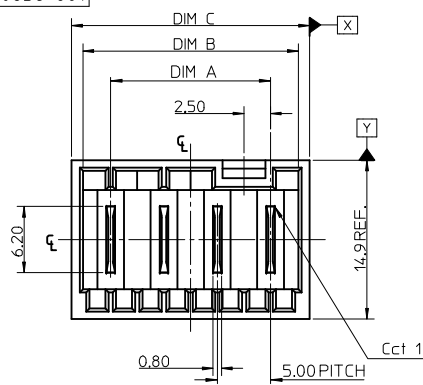
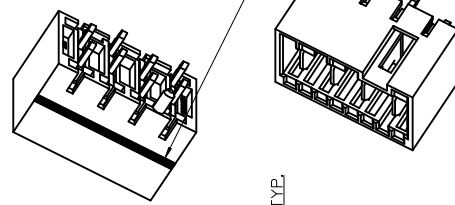


EM-90858-001

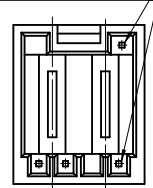
PCB PIN POLARISATION
OPTION A AND B



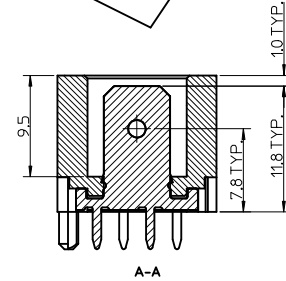
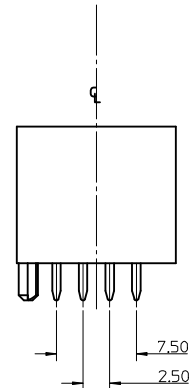
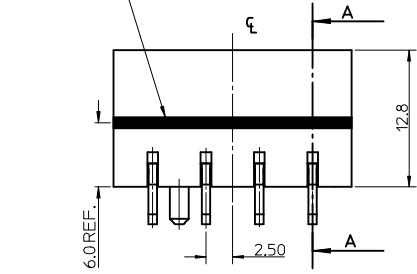
COLOUR STRIPE OPTION



HOLE ON SOME TOOLED VERSIONS



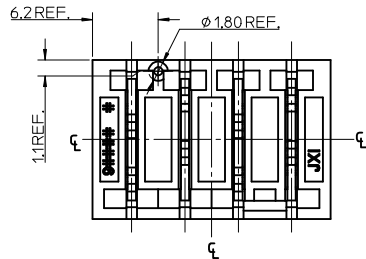
COLOUR STRIPE OPTION



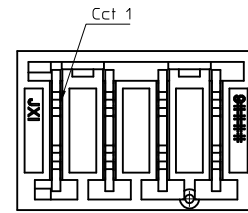
| CCT | DIM A | DIM B | DIM C | TOL |
|-----|-------|-------|-------|---------|
| 2 | 5.00 | 10.20 | 12.30 | |
| 3 | 10.00 | 15.20 | 17.30 | |
| 4 | 15.00 | 20.20 | 22.30 | |
| 5 | 20.00 | 25.20 | 27.30 | |
| 6 | 25.00 | 30.20 | 32.30 | +/-0.30 |
| 7 | 30.00 | 35.20 | 37.30 | |
| 8 | 35.00 | 40.20 | 42.30 | |
| 9 | 40.00 | 45.20 | 47.30 | |
| 10 | 45.00 | 50.20 | 52.30 | |
| 11 | 50.00 | 55.20 | 57.30 | |
| 12 | 55.00 | 60.20 | 62.30 | |

NOTES:

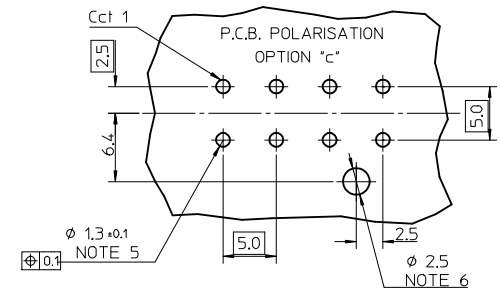
- MATERIALS
HOUSING: PA 66, UL94 V-0 750°C GWT NO FLAME
TERMINAL: BRASS 0.80REF. THICK
PLATING: OPTIONAL (SEE CHARTS SHEETS 2-8)
TIN PLATING OPTION : 3µm TIN OVER 1.27µm NICKEL ALL AREAS
- SELECTIVE SILVER
CONTACT AREA : 24µm SILVER OVER 1.27µm NICKEL. ALL OTHER AREAS FLASH OF SILVER 0.10µm
- PRODUCT CONFORMS TO SPECIFICATION PS-99020-0037/39
- MATES WITH MOLEX 91338, 90833, 90835, 91777, 91778, 91779, 91954 & 92000.
- SEE PACKAGING SPECIFICATION PK-90858-001
- THREE PACKAGING OPTIONS :
"A" LOOSE IN POLYBAGS IN SHIPPING CARTON
"B" IN TUBES WITH TAPE CLOSURE IN SHIPPING CARTON
"D" IN TUBES WITH REUSABLE STOPPER CLOSURE IN SHIPPING CARTON
SEE TABLES IN FOLLOWING SHEETS FOR PACKAGING TYPE FOR EACH PART NUMBER
REFER TO FINAL SHEET FOR PART NUMBERS OFFERING OPTION 'D'
- PLATED THRU HOLE
- NON-PLATED THRU HOLE
- RECOMMENDED PCB THICKNESS: 1.5mm REF
- PCB VIEW IS FROM SOLDER SIDE



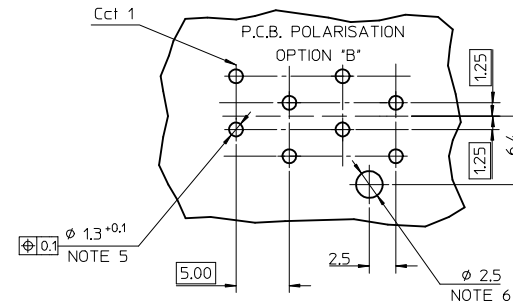
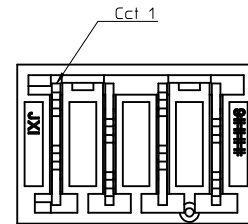
OPTION "C"



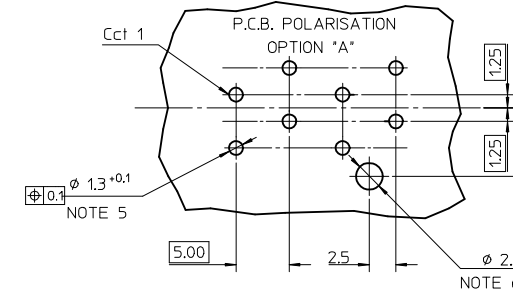
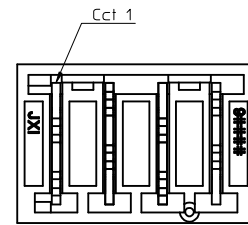
PCB LAYOUT



OPTION "B"



OPTION "A"



NEW PNs, SPLIT SHEET 4
EC NO: IFC2017-0474
DRAWN:ZCRAWER 2016/11/15
CHKD:
APPR:BRUTTLE 2016/11/22

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

| | mm | INCH |
|----------|--------|---------|
| 4 PLACES | ± 0.1 | ± 0.004 |
| 3 PLACES | ± 0.15 | ± 0.006 |
| 2 PLACES | ± 0.2 | ± 0.008 |
| 1 PLACE | ± 0.25 | ± 0.010 |

ANGULAR ± 2 °

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY

SCALE
1:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
RAST 5 VERT HDR
PA 66 HOUSING

DRAWN BY
B. RUTTLE
DATE
2006/10/04

CHECKED BY
T. TOURSH
DATE
2006/10/04

APPROVED BY
B. MAGUIRE
DATE
2006/10/04

MATERIAL NO.

SEE SHEETS 2-8

DOCUMENT NO.
SD-91999-001

SHEET NO.
1 OF 10

MOLEX INCORPORATED

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

| 2 CIRCUIT | | | | | | | | | | | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | COLOUR STRIPE |
|--|----------------|-------------|---------|-------------------------|-----------------------|----------------|---------------------------|-------------------|-------------------|-------------------|----------------------------|--------------------|---------------|
| SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | | | | | | | | | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | COLOUR STRIPE |
| PART NO. (TIN) | TERM NO. (TIN) | HOUSING NO. | COLOR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID DKT | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | COLOUR STRIPE |
| 91999-0003 | 91703-0002 | 93002-0002 | NATURAL | 1b 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0499 | A | A | NONE |
| 91999-0004 | 91703-0002 | 93002-0003 | NATURAL | 1a 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0482 | A | A | NONE |
| 91999-0007 | 91703-0002 | 93002-0004 | NATURAL | 1b 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0497 | A | A | NONE |
| 91999-0018 | 91703-0002 | 93002-0005 | NATURAL | 2a | 01c, d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0495 | A | A | NONE |
| 91999-0019 | 91703-0002 | 93002-0008 | NATURAL | 1a 2b | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0478 | A | A | NONE |
| 91999-0021 | 91703-0002 | 93002-0006 | NATURAL | 1b | 01c, d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0492 | A | A | NONE |
| 91999-0022 | 91703-0002 | 93002-0007 | NATURAL | 1a 2b | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0491 | A | A | NONE |
| 91999-0027 | 91703-0002 | 93002-0009 | NATURAL | 2b | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0487 | A | A | NONE |
| 91999-0029 | 91703-0002 | 93002-0010 | NATURAL | 1a 1b | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0486 | A | A | NONE |
| 91999-0030 | 91703-0002 | 93002-0011 | NATURAL | 2a 2b | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0485 | A | A | NONE |
| 91999-0032 | 91703-0002 | 93002-0012 | NATURAL | 2b | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0484 | A | A | NONE |
| 91999-0047 | 91703-0002 | 93002-0013 | NATURAL | 1a 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0483 | A | A | NONE |
| 91999-0055 | 91703-0002 | 93002-0014 | NATURAL | 1a 1b | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0480 | A | A | NONE |
| 91999-0020 | 91703-0002 | 93002-0015 | NATURAL | 1a 1b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0475 | A | A | NONE |
| 91999-0054 | 91703-0002 | 93002-0016 | NATURAL | 2b | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0476 | A | A | NONE |
| 91999-0057 | 91703-0002 | 93002-0017 | NATURAL | 1a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0477 | A | A | NONE |
| 91999-0058 | 91703-0002 | 93002-0018 | NATURAL | 1a 2a | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0472 | A | A | NONE |
| 91999-0059 | 91703-0002 | 93002-0019 | NATURAL | ALL | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0474 | A | A | NONE |
| 91999-0060 | 91703-0002 | 93002-0020 | NATURAL | 1b 2a 2b | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0473 | A | A | NONE |
| 91999-0061 | 91703-0002 | 93002-0002 | NATURAL | 1b 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0471 | B | A | NONE |
| 91999-0062 | 91703-0002 | 93002-0021 | NATURAL | 2a | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0470 | A | A | NONE |
| 91999-0063 | 91703-0002 | 93002-0022 | NATURAL | 1b, 2a | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0469 | A | A | NONE |
| 91999-0064 | 91703-0002 | 93002-0023 | NATURAL | 1a, 2b | 01c, d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0468 | A | A | NONE |
| 91999-0065 | 91703-0002 | 93002-0002 | NATURAL | 1b, 2a | 01c, d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0467 | A | B | NONE |
| 91999-0066 | 91703-0002 | 93002-0003 | NATURAL | 1a, 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0466 | A | B | NONE |
| 91999-0067 | 91703-0002 | 93002-0024 | NATURAL | ALL | ALL | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0465 | A | A | NONE |
| 91999-0068 | 91703-0002 | 93002-0003 | NATURAL | 1a, 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0464 | A | B | RED |
| 91999-0069 | 91703-0002 | 93002-0025 | NATURAL | 1a | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0463 | A | A | NONE |
| 91999-0070 | 91703-0002 | 93002-0026 | NATURAL | 2a 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0462 | A | B | NONE |
| 91999-0071 | 91703-0017 | 93002-0004 | NATURAL | 1b 2b | 01c | 1/2 | 1 2 | NONE | 91703-0018 | 91999-0461 | C | A | NONE |

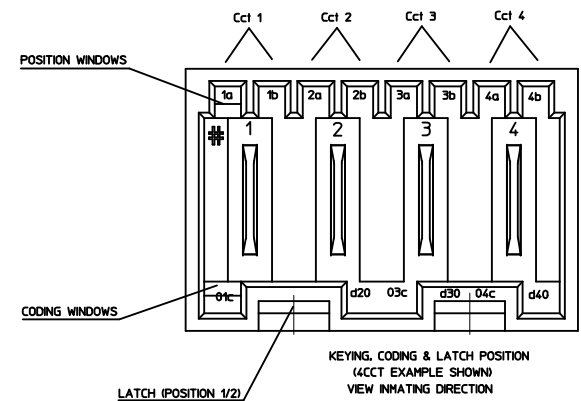
NOTES:
* SEE SHEET 1 NOTE 4

| 2 CIRCUIT | | | | | | | | | | | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | COLOUR STRIPE | |
|--|----------------|-------------|---------|-------------------------|-----------------------|----------------|---------------------------|-------------------|-------------------|-------------------|----------------------------|--------------------|---------------|------|
| SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | | | | | | | | | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | COLOUR STRIPE | |
| PART NO. (TIN) | TERM NO. (TIN) | HOUSING NO. | COLOR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID DKT | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | COLOUR STRIPE | |
| 91999-0042 | 91703-0002 | 93002-0027 | NATURAL | NONE | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0460 | A | A | NONE | |
| 91999-0072 | 91703-0017 | 93002-0002 | NATURAL | 1b 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0018 | 91999-0459 | C | A | NONE | |
| 91999-0073 | 91703-0002 | 93002-0002 | NATURAL | 1b 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0458 | B | A | NONE | |
| 91999-0074 | 91703-0002 | 93002-0003 | NATURAL | 1a 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0457 | B | A | NONE | |
| 91999-0075 | 91703-0017 | 93002-0005 | NATURAL | 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0018 | 91999-0456 | C | A | NONE | |
| 91999-0076 | 91703-0002 | 93002-0005 | NATURAL | 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0455 | B | A | NONE | |
| 91999-0077 | 91703-0002 | 93002-0028 | NATURAL | 1a 2a 2b | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0454 | A | A | NONE | |
| 91999-0078 | 91703-0002 | 93002-0029 | NATURAL | 1b | d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0453 | A | A | NONE | |
| 91999-0079 | 91703-0002 | 93002-0030 | NATURAL | 1b | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0452 | A | A | NONE | |
| 91999-0080 | 91703-0002 | 93002-0031 | NATURAL | NONE | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0451 | A | A | NONE | |
| 91999-0081 | 91703-0002 | 93002-0003 | NATURAL | 1a 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0450 | A | A | RED | |
| 91999-0082 | 91703-0002 | 93002-0032 | NATURAL | 1a 1a 2a 2b | 01c | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0449 | A | A | NONE | |
| 91999-0083 | 91703-0002 | 93002-0033 | NATURAL | 1a 1b 2a | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0448 | A | A | NONE | |
| 91999-0084 | 91703-0002 | 93002-0008 | NATURAL | 1a 2b | d20 | 1/2 | 1 2 | NONE | CCT 1 | 91703-0003 | 91999-0447 | A | A | None |
| 91999-0085 | 91703-0002 | 93002-0008 | NATURAL | 1a 2b | d20 | 1/2 | 1 2 | NONE | CCT 2 | 91703-0003 | 91999-0446 | A | A | None |
| 91999-0086 | 91703-0017 | 93002-0008 | NATURAL | 1a 2b | d20 | 1/2 | 1 2 | NONE | 91703-0018 | 91999-0445 | C | A | None | |
| 91999-0087 | 91703-0002 | 93002-0034 | NATURAL | 1a | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0444 | A | A | None | |
| 91999-0088 | 91703-0002 | 93002-0009 | NATURAL | 2b | NONE | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0443 | B | A | None | |
| 91999-0089 | 91703-0002 | 93002-0002 | NATURAL | 1b 2a | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0442 | A | A | Black | |
| 91999-0090 | 91703-0002 | 93002-0036 | NATURAL | 1b 2b | 01c d20 | 1/2 | 1 2 | NONE | 91703-0003 | 91999-0436 | A | A | None | |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|------------------|---|-----------------------------|---------------------------|--------|---------|----------|--------|---------|----------|-------|---------|---------|-------|---------|-----------------------------------|---------------------|-------------------------------|------------------------|
| SEE SHEET 1 SEC NO: PG2047-0474 DRWNGZGRAMER CHKD: APPR:BRITTLE 2016/11/22 BN | QUALITY SYMBOLS $\nabla=0$ $\nabla=0$ | GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr><td></td><td>mm</td><td>INCH</td></tr> <tr><td>4 PLACES</td><td>± .005</td><td>± .0004</td></tr> <tr><td>3 PLACES</td><td>± .005</td><td>± .0004</td></tr> <tr><td>2 PLACES</td><td>± .01</td><td>± .0008</td></tr> <tr><td>1 PLACE</td><td>± .02</td><td>± .0016</td></tr> </table> ANGULAR ± 2° | | mm | INCH | 4 PLACES | ± .005 | ± .0004 | 3 PLACES | ± .005 | ± .0004 | 2 PLACES | ± .01 | ± .0008 | 1 PLACE | ± .02 | ± .0016 | DIMENSION STYLE MM ONLY | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | | mm | INCH | | | | | | | | | | | | | | | | | | |
| | 4 PLACES | ± .005 | ± .0004 | | | | | | | | | | | | | | | | | | |
| | 3 PLACES | ± .005 | ± .0004 | | | | | | | | | | | | | | | | | | |
| 2 PLACES | ± .01 | ± .0008 | | | | | | | | | | | | | | | | | | | |
| 1 PLACE | ± .02 | ± .0016 | | | | | | | | | | | | | | | | | | | |
| DRAWN BY B. RUTLE DATE 2006/10/04 | CHECKED BY T. TOURSH DATE 2006/10/04 | APPROVED BY BMAGUIRE DATE 2006/10/04 | MATERIAL NO. | DOCUMENT NO. SD-91999-001 | SHEET NO. 2 OF 10 | MOLEX INCORPORATED | | | | | | | | | | | | | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SEE CHART | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | | | | | | | | |

| 3 CIRCUIT | | | | | | | | | | SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | P.C.B. OPTION | PACKAGING OPTION # | COLOUR STRIPE |
|-------------------|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|---|---|---|------------------|-----------------------|------------------|
| PART NO. (Tin) | TERM NO. (Tin) | MOLEX HOUSING NO. | COLOUR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | TERM NO. (SILVER) | PART NO. (SILVER) | | | | | |
| 91999-0502 | 91703-0002 | 93002-1000 | NATURAL | 1b | 01c, d20 | 1/2 | | NONE | 91703-0003 | 91999-1249 | A | A | NONE | | |
| 91999-0508 | 91703-0002 | 93002-1001 | NATURAL | 1a | 03c | 1/2 | | NONE | 91703-0003 | 91999-1248 | A | A | NONE | | |
| 91999-0511 | 91703-0002 | 93002-1002 | NATURAL | 1a 1b | d30 | 1/2 | | NONE | 91703-0003 | 91999-1247 | A | A | NONE | | |
| 91999-0512 | 91703-0002 | 93002-1003 | NATURAL | 1a 3b | 01c | 1/2 | | NONE | 91703-0003 | 91999-1246 | A | A | NONE | | |
| 91999-0513 | 91703-0002 | 93002-1004 | NATURAL | 1b | d20 03c | 1/2 | | NONE | 91703-0003 | 91999-1245 | A | A | NONE | | |
| 91999-0524 | 91703-0002 | 93002-1005 | NATURAL | 1b 2a 2b | d30 | 1/2 | | NONE | 91703-0003 | 91999-1244 | A | A | NONE | | |
| 91999-0525 | 91703-0002 | 93002-1006 | NATURAL | 2b | d20 | 1/2 | | NONE | 91703-0003 | 91999-1243 | A | A | NONE | | |
| 91999-0528 | 91703-0002 | 93002-1007 | NATURAL | ALL | d10 d30 | 2/3 | | NONE | 91703-0003 | 91999-1242 | A | A | NONE | | |
| 91999-0527 | 91703-0002 | 93002-1008 | NATURAL | ALL | d20 | 1/2 | | NONE | 91703-0003 | 91999-1240 | A | A | NONE | | |
| 91999-0526 | 91703-0002 | 93002-1009 | NATURAL | 2b 3b | d10 02c | 2/3 | | NONE | 91703-0003 | 91999-1241 | A | A | NONE | | |
| 91999-0529 | 91703-0002 | 93002-1000 | NATURAL | 1b | 01c d20 | 1/2 | | 2 | 91703-0003 | 91999-1239 | A | A | NONE | | |
| 91999-0530 | 91703-0002 | 93002-1010 | NATURAL | 2b 3b | 01c d10 02c d30 | 2/3 | | NONE | 91703-0003 | 91999-1238 | A | A | NONE | | |
| 91999-0531 | 91703-0002 | 93002-1011 | NATURAL | 3b | 01c, d30 | 2/3 | | NONE | 91703-0003 | 91999-1237 | A | A | NONE | | |
| 91999-0532 | 91703-0002 | 93002-1012 | NATURAL | 3b | d10, 02c | 2/3 | | NONE | 91703-0003 | 91999-1236 | A | A | NONE | | |
| 91999-0533 | 91703-0002 | 93002-1010 | NATURAL | 2b 3b | 01c d10 02c d30 | 2/3 | | NONE | 91703-0003 | 91999-1235 | A | B | NONE | | |
| 91999-0534 | 91703-0002 | 93002-1014 | NATURAL | ALL | ALL | 1/2 | | NONE | 91703-0003 | 91999-1234 | A | A | NONE | | |
| 91999-0506 | 91703-0002 | 93002-1015 | NATURAL | 1a 3a | d20 | 1/2 | | NONE | 91703-0003 | 91999-1233 | A | A | NONE | | |
| 91999-0507 | 91703-0002 | 93002-1016 | NATURAL | 2a | d10 d30 | 2/3 | | NONE | 91703-0003 | 91999-1232 | A | A | NONE | | |
| 91999-0535 | 91703-0002 | 93002-1017 | NATURAL | 3b | d10, d30 | 2/3 | | NONE | 91703-0003 | 91999-1231 | A | A | NONE | | |
| 91999-0536 | 91703-0002 | 93002-1018 | NATURAL | 1b | 01c | 1/2 | | NONE | 91703-0003 | 91999-1230 | A | A | NONE | | |
| 91999-0537 | 91703-0017 | 93002-1000 | NATURAL | 1b | 01c d20 | 1/2 | | NONE | 91703-0018 | 91999-1229 | C | A | NONE | | |
| 91999-0538 | 91703-0017 | 93002-1009 | NATURAL | 2b 3b | d10 02c | 2/3 | | NONE | 91703-0018 | 91999-1228 | C | A | NONE | | |
| 91999-0539 | 91703-0002 | 93002-1000 | NATURAL | 1b | 01c d20 | 1/2 | | NONE | 91703-0003 | 91999-1227 | B | A | NONE | | |
| 91999-0540 | 91703-0002 | 93002-1009 | NATURAL | 2b 3b | d10 02c | 2/3 | | NONE | 91703-0003 | 91999-1226 | B | A | NONE | | |
| 91999-0541 | 91703-0002 | 93002-1019 | NATURAL | 2a | 01c d30 | 1/2 | | NONE | 91703-0003 | 91999-1225 | A | A | NONE | | |
| 91999-0542 | 91703-0002 | 93002-1020 | NATURAL | 3b | 01c d30 | 1/2 | | NONE | 91703-0003 | 91999-1224 | A | A | NONE | | |
| 91999-0543 | 91703-0002 | 93002-1022 | NATURAL | 1b 2a | NONE | 1/2 | | NONE | 91703-0003 | 91999-1223 | A | A | NONE | | |
| 91999-0544 | 91703-0002 | 93002-1030 | NATURAL | 1b 2a 2b 3b | NONE | 2/3 | | NONE | 91703-0003 | 91999-1222 | A | A | NONE | | |

| 3 CIRCUIT | | | | | | | | | | SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | P.C.B. OPTION | PACKAGING OPTION # | COLOUR STRIPE |
|-------------------|--------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|---|---|---|------------------|-----------------------|------------------|
| Part No. (Tin) | Term. No. (Tin) | Molex Housing No. | Colour | Unblocked Position Keys | Unblocked Coding Keys | Latch Position | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | Term No. (Silver) | Part No. (Silver) | | | | | |
| 91999-0545 | 91703-0002 | 93002-1025 | NATURAL | 1a 1b | d20 | 1/2 | | None | 91703-0003 | 91999-1221 | A | A | None | | |
| 91999-0546 | 91703-0002 | 93002-1026 | NATURAL | 2a 3a | 01c d20 03c | 1/2 | | None | 91703-0003 | 91999-1220 | A | A | None | | |
| 91999-0547 | 91703-0002 | 93002-1026 | NATURAL | 2a 3a | 01c d20 03c | 1/2 | | None | 91703-0003 | 91999-1219 | A | B | None | | |
| 91999-0548 | 91703-0002 | 93002-1027 | NATURAL | 1a 3a | d30 | 2/3 | | None | 91703-0003 | 91999-1218 | A | A | None | | |
| 91999-0549 | 91703-0002 | 93002-1028 | NATURAL | 1a 1b 2a 2b 3a 3b | 01c d10 02c d30 | 2/3 | | None | 91703-0003 | 91999-1217 | A | A | None | | |
| 91999-0550 | 91703-0017 | 93002-1029 | NATURAL | 2a | d10 02c d30 | 2/3 | | None | 91703-0018 | 91999-1216 | C | A | None | | |
| 91999-0551 | 91703-0002 | 93002-1030 | NATURAL | 1b 2a 2b 3b | None | 2/3 | | None | 91703-0003 | 91999-1215 | B | A | None | | |
| 91999-0552 | 91703-0020 | 93002-1031 | NATURAL | 1b 2b | 01c d20 | 1/2 | | None | 91703-0021 | 91999-1214 | A | A | None | | |
| 91999-0553 | 91703-0017 | 93002-1014 | NATURAL | 1a 1b 2a 2b 3a 3b | 10c d20 03c d30 | 1/2 | | None | 91703-0018 | 91999-1213 | C | A | None | | |
| 91999-0554 | 91703-0002 | 93002-1032 | NATURAL | 1a 3a | 03c | 1/2 | | None | 91703-0003 | 91999-1212 | A | A | None | | |
| 91999-0555 | 91703-0002 | 93002-1033 | NATURAL | 1b 2a 3b | 01c d20 | 1/2 | | None | 91703-0003 | 91999-1211 | A | A | None | | |
| 91999-0556 | THIS LINE | RESERVED | FOR | FUTURE | RELEASE | | | | | | | | | | |
| 91999-0557 | 91703-0002 | 93002-1034 | NATURAL | 3a | 03c d30 | 1/2 | | None | 91703-0003 | 91999-1209 | A | A | None | | |
| 91999-0558 | 91703-0002 | 93002-1025 | NATURAL | 1a 1b | d20 | 1/2 | | 2 | 91703-0003 | 91999-1208 | A | A | None | | |



NOTES:
* SEE SHEET 1 NOTE 4

| | | | | | | | |
|---|---|---|---|---------------------------|------------------------------|------------------------|---|
| SEE SHEET 1 SEC NO: JPC2047-0474 DRWNGZGRNER CHKD: APPRBRUTLE 2016/11/22 BN | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2° | DIMENSION STYLE MM ONLY | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | |
| | DRAWN BY B. RUTLE DATE 2006/10/04 | CHECKED BY T. TOURSH DATE 2006/10/04 | APPROVED BY BMAGUIRE DATE 2006/10/04 | MATERIAL NO. SEE CHART | DOCUMENT NO. SD-91999-001 | SHEET NO. 3 OF 10 | TITLE RAST 5 VERT HDR PA 66 HOUSING |
| | MOLEX INCORPORATED | | | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | |

4 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING
FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | CLOUR | UNLOCKED POSITION KEYS | UNLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. OPTION | PACKAGING OPTION # | CLOUR STRIPE |
|-------------------|-------------------|----------------------|---------|---------------------------|-------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|------------------|-----------------------|-----------------|
| 91999-1254 | 91703-0002 | 93002-2000 | NATURAL | 1b | 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1999 | A | A | NONE |
| 91999-1264 | 91703-0002 | 93002-2001 | NATURAL | 1a 4b | d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1998 | | | |
| 91999-1265 | 91703-0002 | 93002-2002 | NATURAL | 2a 4b | d20 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1996 | | | |
| 91999-1267 | 91703-0002 | 93002-2003 | NATURAL | 1b 2a 3a 4b | 01c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1994 | | | |
| 91999-1270 | 91703-0002 | 93002-2004 | NATURAL | 1a 2a 4b | 01c 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1993 | | | |
| 91999-1274 | 91703-0002 | 93002-2005 | NATURAL | 1a 3a 3b | 01c d20 d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1992 | | | |
| 91999-1275 | 91703-0002 | 93002-2006 | NATURAL | 1b 2a 4b | 01c d20 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1991 | | | |
| 91999-1278 | 91703-0002 | 93002-2007 | NATURAL | 1a 3a | d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1987 | | | |
| 91999-1280 | 91703-0002 | 93002-2008 | NATURAL | 1a 2b 3b 4a | 01c 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1988 | | | |
| 91999-1281 | 91703-0002 | 93002-2009 | NATURAL | 2a 4b | d20 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1986 | | | |
| 91999-1282 | 91703-0002 | 93002-2010 | NATURAL | 3b | d30 | 2/3 | | NONE | 91703-0003 | 91999-1985 | | | |
| 91999-1283 | 91703-0002 | 93002-2011 | NATURAL | 1b 2a 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1984 | | | |
| 91999-1284 | 91703-0002 | 93002-2012 | NATURAL | 2a 3a 3b 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1983 | | | |
| 91999-1285 | 91703-0002 | 93002-2013 | NATURAL | 2a 2b 3b 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1982 | A | A | NONE |
| 91999-1286 | 91703-0002 | 93002-2013 | NATURAL | 2a 2b 3b 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1981 | A | B | NONE |
| 91999-1287 | 91703-0002 | 93002-2015 | NATURAL | 1a 4b | 01c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1980 | A | A | NONE |
| 91999-1288 | 91703-0002 | 93002-2016 | NATURAL | 1b 2b 3b 4a | 01c 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1979 | A | A | NONE |
| 91999-1289 | 91703-0017 | 93002-2000 | NATURAL | 1b | 03c d40 | 1/2 3/4 | | NONE | 91703-0018 | 91999-1978 | C | A | NONE |
| 91999-1290 | 91703-0002 | 93002-2017 | NATURAL | 1b 2a 2b 3a 4a 4b | 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1977 | A | A | NONE |
| 91999-1291 | 91703-0002 | 93002-2018 | NATURAL | ALL | ALL | 1/2 3/4 | | NONE | 91703-0003 | 91999-1976 | A | A | NONE |
| 91999-1292 | 91703-0002 | 93002-2019 | NATURAL | 1b 2a 3a 4a | 01c d20 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1975 | A | A | NONE |
| 91999-1293 | 91703-0002 | 93002-2020 | NATURAL | 1b 2b 3b 4a | 01c 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1974 | A | A | NONE |
| 91999-1294 | 91703-0002 | 93002-2021 | NATURAL | 1a 2a 2b 3a 3b 4a 4b | NONE | 1/2 3/4 | | NONE | 91703-0003 | 91999-1973 | A | A | NONE |
| 91999-1295 | 91703-0002 | 93002-2023 | NATURAL | 1b 3b 4b | 01c d20 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1972 | A | A | NONE |
| 91999-1296 | 91703-0002 | 93002-2000 | NATURAL | 1b | 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1971 | B | A | NONE |
| 91999-1297 | 91703-0002 | 93002-2015 | NATURAL | 1a 4b | 01c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1970 | B | A | NONE |
| 91999-1298 | 91703-0002 | 93002-2026 | RED | 1a 2a 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1969 | A | A | NONE |
| 91999-1299 | 91703-0002 | 93002-2027 | GREEN | 2a 3a 3b 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1968 | A | A | NONE |

4 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING
FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | TERM NO. (TIN) | HOUSING NO. | CLOUR | UNLOCKED POSITION KEYS | UNLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | CLOUR STRIPE | |
|-------------------|-------------------|-------------|---------|---------------------------|-------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|----------------------------------|-----------------------|-----------------|------|
| 91999-1300 | 91703-0002 | 93002-2001 | NATURAL | 1a 4b | d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1951 | B | A | NONE | |
| 91999-1301 | 91703-0002 | 93002-2047 | GREEN | 1b | 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1950 | A | A | NONE | |
| 91999-1255 | 91703-0002 | 93002-2033 | NATURAL | 1b 2a 3a 4b | 01c d20 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1963 | A | A | NONE | |
| 91999-1256 | 91703-0002 | 93002-2034 | NATURAL | 1b 2b 3a 4b | 01c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1962 | A | A | NONE | |
| 91999-1257 | 91703-0002 | 93002-2035 | NATURAL | 2a 2b 3a 4a | 01c 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-1961 | A | A | NONE | |
| 91999-1258 | 91703-0017 | 93002-2015 | NATURAL | 1a 4b | 01c | 1/2 3/4 | | NONE | 91703-0018 | 91999-1960 | C | A | NONE | |
| 91999-1259 | 91703-0017 | 93002-2010 | NATURAL | 3b | d30 | 2/3 | | NONE | 91703-0018 | 91999-1959 | C | A | NONE | |
| 91999-1260 | 91703-0017 | 93002-2011 | NATURAL | 1b 2a 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0018 | 91999-1958 | C | A | NONE | |
| 91999-1261 | 91703-0002 | 93002-2036 | NATURAL | 1b 2a 3a 3b 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1957 | A | A | NONE | |
| 91999-1262 | 91703-0002 | 93002-2000 | NATURAL | 1b | 03c d40 | 1/2 3/4 | | CCT 3 | 91703-0003 | 91999-1956 | A | A | NONE | |
| 91999-1263 | 91703-0002 | 93002-2037 | NATURAL | 1b 3b | d10 03c d40 | 3/4 | | NONE | 91703-0003 | 91999-1955 | A | A | NONE | |
| 91999-1266 | 91703-0002 | 93002-2038 | NATURAL | 2a 3b 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1954 | A | A | NONE | |
| 91999-1268 | 91703-0002 | 93002-2039 | NATURAL | 1b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-1953 | A | A | NONE | |
| 91999-1269 | 91703-0017 | 93002-2002 | NATURAL | 2a 4b | d20 | 1/2 3/4 | | NONE | 91703-0018 | 91999-1989 | C | A | NONE | |
| 91999-1253 | 91703-0017 | 93002-2004 | NATURAL | 1a 2b 4b | 01c 03c d40 | 1/2 3/4 | | NONE | 91703-0018 | 91999-1952 | C | A | NONE | |
| 91999-7000 | 91703-0002 | 93002-2999 | NATURAL | 1b 2b 3b 4a | 01c 03c d40 | 1/2 3/4 | | PEG 2/3 | NONE | 91703-0003 | 91999-7500 | A | A | NONE |
| 91999-7001 | 91703-0002 | 93002-2040 | NATURAL | 1a 1b 2a 3b 4a 4b | 01c 02c 03c d40 | 3/4 | | NONE | 91703-0003 | 91999-7501 | A | A | NONE | |
| 91999-7002 | 91703-0002 | 93002-2041 | NATURAL | 1a | 01c d20 03c | 1/2 | | NONE | 91703-0003 | 91999-7502 | A | A | NONE | |
| 91999-7003 | 91703-0002 | 93002-2042 | NATURAL | 2a 2b 3b 4a | 01c 03c d40 | 1/2 | | NONE | 91703-0003 | 91999-7503 | A | A | NONE | |
| 91999-7004 | 91703-0017 | 93002-2036 | NATURAL | 1b 2a 3a 3b 4b | 01c d20 03c d40 | 1/2 3/4 | | NONE | 91703-0018 | 91999-7504 | C | A | NONE | |
| 91999-7005 | 91703-0002 | 93002-2044 | NATURAL | 2a 3b | 01c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-7505 | A | A | NONE | |
| 91999-7006 | 91703-0002 | 93002-2046 | NATURAL | 1b 2a 3a 4b | d20 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-7506 | A | A | NONE | |

NOTES:

4 CIRCUIT PARTS CONTINUE ON SHEET 5

* SEE SHEET 1 NOTE 4

| | | | | | |
|--|--|--|---|--|------------------------|
| SEE SHEET 1 EC NO: IPG2017-0474 DR: DRINKZGRNER CHKD: APPR: BRUTTE 2016/11/22 2016/11/15 BN | QUALITY SYMBOLS =0 =0.2 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2° | DIMENSION STYLE MM ONLY DRAWN BY DATE B. RUTILE 2006/10/04 CHECKED BY DATE T. TOURSH 2006/10/04 APPROVED BY DATE BMAGUIRE 2006/10/04 | SCALE 1:1 DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | RAST 5 VERT HDR PA 66 HOUSING | | | | |
| | MOLEX INCORPORATED MATERIAL NO. DOCUMENT NO. SD-91999-001 | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |

4 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | | | | | | | | P.C.B. POLARISATION OPTION | PACKAGING OPTION # | COLOUR STRIPE | | | | | |
|---|-------------------|-------------|---------|---------------------------|-------------------------|-------------------|---|----------------------|----------------------|----------------------------------|-----------------------|------------------|----------------------|------------|---|---|------|
| PART NO. (TIN) | TERM NO. (TIN) | HOUSING NO. | COLOUR | UNLOCKED POSITION KEYS | UNLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | TERM NO. (SILVER) | | | | PART NO. (SILVER) | | | | |
| 91999-1279 | 91703-0002 | 93002-2028 | NATURAL | 1b 2a 4b | d20 03c d40 | 1/2 3/4 | <table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> | 1 | 2 | 3 | 4 | NONE | 91703-0003 | 91999-1967 | A | A | NONE |
| 1 | 2 | 3 | 4 | | | | | | | | | | | | | | |
| 91999-1251 | 91703-0002 | 93002-2029 | NATURAL | 1a 3b 4a | 01c d20 d40 | 1/2 3/4 | <table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> | 1 | 2 | 3 | 4 | NONE | 91703-0003 | 91999-1966 | A | A | NONE |
| 1 | 2 | 3 | 4 | | | | | | | | | | | | | | |
| 91999-1252 | 91703-0002 | 93002-2030 | NATURAL | 1a 2b 3b 4a | d20 d40 | 1/2 3/4 | <table border="1"><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table> | 1 | 2 | 3 | 4 | NONE | 91703-0003 | 91999-1965 | A | A | NONE |
| 1 | 2 | 3 | 4 | | | | | | | | | | | | | | |

| | | | | | | |
|--|--|---------------------------------------|---|---|--------------|------------------------|
| SEE SHEET 1 SEC NO: IPG2017-0474 DRAWN BY: CRAMER CHKD: BN APPR: BRUTILE 2016/11/22 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | MM ONLY | 1:1 | METRIC | |
| | ▽=0 | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE RAST 5 VERT HDR PA 66 HOUSING molex DOCUMENT NO. SD-91999-001 SHEET NO. 5 OF 10 | | |
| | | 3 PLACES ± --- ± --- | B. RUTILE 2006/10/04 | | | |
| | 2 PLACES ± 0.1 ± --- | CHECKED BY DATE | | | | |
| | 1 PLACE ± 0.2 ± --- | T. TOURSH 2006/10/04 | | | | |
| | 0 PLACE ± ± | APPROVED BY DATE | | | | |
| | ANGULAR ± 2 ° | B. MAGUIRE 2006/10/04 | | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MATERIAL NO. | | | | |
| | | SEE CHART | | | | |
| | | SIZE 1 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |

5 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING
FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | Term. No. (Tin) | MOLEX HOUSING NO. | COLOUR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID OUT | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. OPTION | PACKAGE OPTION # | COLOUR STRIPE |
|-------------------|--------------------|-------------------|---------|-------------------------|-----------------------|----------------|---------------------------|-------------------|-------------------|-------------------|---------------|------------------|---------------|
| 91999-2000 | 91703-0002 | 93002-3000 | NATURAL | 1a 5b | 01c d30 | 1/2 2/3 | | NONE | 91703-0003 | 91999-2749 | A | A | NONE |
| 91999-2001 | 91703-0002 | 93002-3001 | NATURAL | 1a 3a | 01c d30 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2748 | | | |
| 91999-2002 | 91703-0002 | 93002-3002 | NATURAL | 1a 5b | 01c d20 03c d50 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2747 | | | |
| 91999-2003 | 91703-0002 | 93002-3003 | NATURAL | 1b 2a 3b 5a | 01c 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-2746 | | | |
| 91999-2004 | 91703-0002 | 93002-3004 | NATURAL | 1a 2a 2b 4b 5b | 01c d30 04c d50 | 1/2 2/3 4/5 | | NONE | 91703-0003 | 91999-2745 | | | |
| 91999-2006 | 91703-0002 | 93002-3005 | NATURAL | 2a | 01c d50 | 2/3 4/5 | | NONE | 91703-0003 | 91999-2742 | | | |
| 91999-2012 | 91703-0002 | 93002-3006 | NATURAL | 2a 4b | 01c d20 d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2743 | | | |
| 91999-2013 | 91703-0002 | 93002-3007 | NATURAL | 2b | d20 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2741 | | | |
| 91999-2014 | 91703-0002 | 93002-3008 | NATURAL | 4b 5a | 01c d30 04c d50 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2740 | | | |
| 91999-2015 | 91703-0002 | 93002-3009 | NATURAL | NONE | 01c d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2739 | | | |
| 91999-2017 | 91703-0002 | 93002-3010 | NATURAL | 1a 4a | d30 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2737 | | | |
| 91999-2024 | 91703-0002 | 93002-3011 | NATURAL | 1a 5b | d20 d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2732 | | | |
| 91999-2025 | 91703-0002 | 93002-3019 | NATURAL | 2b | d20 d50 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2733 | | | |
| 91999-2026 | | | | | | | | | | | | | |
| 91999-2027 | 91703-0002 | 93002-3020 | NATURAL | 1a 3a 4b 5a | 03c 04c | 1/2 4/5 | | NONE | 91703-0003 | 91999-2735 | | | |
| 91999-2028 | 91703-0002 | 93002-3021 | NATURAL | 2b | d20 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2731 | | | |
| 91999-2029 | 91703-0002 | 93002-3016 | NATURAL | 1b 2a 4a | 01c 04c d50 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2730 | | | |
| 91999-2030 | 91703-0002 | 93002-3017 | NATURAL | 2b 3b 4a | 01c d20 d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2729 | | | |
| 91999-2031 | 91703-0002 | 93002-3022 | NATURAL | 1a 5b | 01c d20 03c d50 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2728 | | | |
| 91999-2032 | 91703-0002 | 93002-3023 | NATURAL | 1a 1b 4a | d30 04c d50 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2727 | A | A | NONE |
| 91999-2033 | 91703-0002 | 93002-3002 | NATURAL | 1a 5b | 01c d20 03c d50 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2726 | B | A | NONE |
| 91999-2034 | 91703-0017 | 93002-3001 | NATURAL | 1a 3a | 01c d30 | 1/2 4/5 | | NONE | 91703-0018 | 91999-2725 | C | A | NONE |
| 91999-2035 | 91703-0002 | 93002-3024 | NATURAL | ALL | ALL | 1/2 3/4 | | NONE | 91703-0003 | 91999-2724 | A | A | NONE |
| 91999-2036 | 91703-0017 | 93002-3000 | NATURAL | 1a 5b | 01c d30 | 1/2 2/3 | | NONE | 91703-0018 | 91999-2723 | C | A | NONE |
| 91999-2038 | 91703-0002 | 93002-3000 | NATURAL | 1a 5b | 01c d30 | 1/2 2/3 | | NONE | 91703-0003 | 91999-2721 | B | A | NONE |
| 91999-2039 | 91703-0017 | 93002-3003 | NATURAL | 1b 2a 3b 5a | 01c 03c | 1/2 3/4 | | NONE | 91703-0018 | 91999-2720 | C | A | NONE |
| 91999-2040 | 91703-0002 | 93002-3003 | NATURAL | 1b 2a 3b 5a | 01c 03c | 1/2 3/4 | | NONE | 91703-0003 | 91999-2719 | B | A | NONE |
| 91999-2041 | 91703-0002 | 93002-3026 | NATURAL | 2a 2b 3b 4a | d20 d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2718 | A | A | NONE |

5 CIRCUIT

SEE CODE DESIGNATION TABLE FOR NUMBERING
FORMAT WHEN ADDING NEW PART NUMBERS

| PART NO. (TIN) | Term. No. (Tin) | MOLEX HOUSING NO. | COLOUR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID OUT | TERM NO. (SILVER) | PART NO. (SILVER) | P.C.B. OPTION | PACKAGE OPTION # | COLOUR STRIPE |
|-------------------|--------------------|-------------------|---------|-------------------------|-----------------------|----------------|---------------------------|-------------------|-------------------|-------------------|---------------|------------------|---------------|
| 91999-2042 | 91703-0017 | 93002-3002 | NATURAL | 1a 5b | 01c d20 03c d50 | 1/2 3/4 | | NONE | 91703-0018 | 91999-2717 | C | A | NONE |
| 91999-2043 | 91703-0002 | 93002-3029 | NATURAL | 1b 3b 4b | 01c d20 d50 | 1/2 4/5 | | 2,4 | 91703-0003 | 91999-2716 | A | A | NONE |
| 91999-2044 | 91703-0002 | 93002-3007 | NATURAL | 2b | d20 | 1/2 4/5 | | 4 | 91703-0003 | 91999-2715 | A | A | NONE |
| 91999-2045 | 91703-0002 | 93002-3030 | NATURAL | 1a 2b 4b | 03c d50 | 1/2 4/5 | | NONE | 91703-0003 | 91999-2714 | A | A | NONE |
| 91999-2046 | 91703-0002 | 93002-3031 | NATURAL | 2b | d20 | 1/2 | | 2,4 | 91703-0003 | 91999-2713 | A | A | NONE |
| 91999-2047 | 91703-0002 | 93002-3022 | NATURAL | 1a 5b | 01c d20 03c d50 | 1/2 4/5 | | 2,4 | 91703-0003 | 91999-2712 | A | A | NONE |
| 91999-2048 | 91703-0002 | 93002-3022 | NATURAL | 1a 5b | 01c d20 03c d50 | 1/2 4/5 | | 2,4 | 91703-0003 | 91999-2711 | B | A | NONE |
| 91999-2049 | 91703-0002 | 93002-3007 | NATURAL | 2b | d20 | 1/2 4/5 | | 2,4 | 91703-0003 | 91999-2710 | B | A | NONE |
| 91999-2050 | 91703-0002 | 93002-3020 | NATURAL | 1a 3a 4b 5a | 03c 04c | 1/2 4/5 | | 4 | 91703-0003 | 91999-2709 | A | A | NONE |
| 91999-2051 | 91703-0002 | 93002-3006 | NATURAL | 2a 4b | 01c d20 d40 | 1/2 3/4 | | NONE | 91703-0003 | 91999-2708 | B | A | NONE |
| 91999-2052 | 91703-0002 | 93002-3006 | NATURAL | 2a 4b | 01c d20 d40 | 1/2 3/4 | | 4 | 91703-0003 | 91999-2708 | A | A | NONE |

NOTES:
* SEE SHEET 1 NOTE 4

| | | | | | | | | | | |
|---|-------------------------------|--|----------------------|----------------------------|---------------------|---------------------------------------|--|---|--|--|
| SEE SHEET 1 EC NO: P02017-0474 DRWNG:ZGRNER CHKD: APPR:BRUTLE BN | QUALITY SYMBOLS ∇=0 ∇=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) | | DIMENSION STYLE MM ONLY | | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION | | |
| | | 4 PLACES ± --- ± --- | 3 PLACES ± --- ± --- | 2 PLACES ± 0.1 ± --- | 1 PLACE ± 0.2 ± --- | DRAWN BY B. RUTLE 2006/10/04 | CHECKED BY T. TOURSH 2006/10/04 | TITLE RAST 5 VERT HDR PA 66 HOUSING | | |
| | | ANGULAR ± 2° | | | | APPROVED BY BMAGUIRE 2006/10/04 | MATERIAL NO. DOCUMENT NO. SD-91999-001 | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | SEE CHART | | SHEET NO. 6 OF 10 | | |

6 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | | | | | | | | | P.C.B. OPTION | PACKAGE OPTION # | COLOUR STRIPE |
|---|-------------------|----------------------|---------|----------------------------|-----------------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|------------------|---------------------|------------------|
| PART NO. (ITN) | TERM NO. (ITN) | MOLEX HOUSING NO. | COLOUR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | TERM NO. (SILVER) | PART NO. (SILVER) | | | |
| 91999-2753 | 91703-0002 | 93002-4000 | NATURAL | 1b | 03c d60 | 1/2 4/5 | | NONE | 91703-0003 | 91999-3499 | A | A | NONE |
| 91999-2754 | 91703-0002 | 932002-4001 | NATURAL | 1a 3b 4b | 01c d50 06c | 1/2 4/5 | | NONE | 91703-0003 | 91999-3498 | | | |
| 91999-2755 | 91703-0002 | 932002-4002 | NATURAL | 1a 1b 2b 3a 3b 4b | d30 04c d50 | 1/2 2/3 4/5 | | NONE | 91703-0003 | 91999-3497 | | | |
| 91999-2756 | 91703-0002 | 932002-4003 | NATURAL | 1a 1b 4a 4b | d10 d50 | 2/3 4/5 | | NONE | 91703-0003 | 91999-3496 | | | |
| 91999-2757 | 91703-0002 | 932002-4004 | NATURAL | 2a 4b 5a 6b | d20 03c 05c | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3495 | | | |
| 91999-2758 | 91703-0002 | 93002-4005 | NATURAL | 1a 2b 3a 3b 5a 6b | 01c d40 d60 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3494 | | | |
| 91999-2759 | 91703-0002 | 93002-4006 | NATURAL | 1b 2a 3a 4b 5a 5b 6b | 01c 03c d60 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3493 | | | |
| 91999-2761 | 91703-0002 | 93002-4007 | NATURAL | 2b | d20 d60 | 1/2 5/6 | | NONE | 91703-0003 | 91999-3492 | | | |
| 91999-2762 | 91703-0002 | 93002-4008 | NATURAL | 2b 3b 4a | 01c d50 06c | 1/2 4/5 | | NONE | 91703-0003 | 91999-3491 | | | |
| 91999-2768 | 91703-0002 | 93002-4009 | NATURAL | 1b 4b | d20 03c d50 06c | 1/2 4/5 | | NONE | 91703-0003 | 91999-3486 | | | |
| 91999-2769 | 91703-0002 | 93002-4010 | NATURAL | 1a 2b 3b 4a 6b | 01c 03c d40 05c d60 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3485 | | | |
| 91999-2770 | 91703-0002 | 93002-4011 | NATURAL | 1a 2b 4a 6b | 01c d40 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3484 | | | |
| 91999-2771 | 91703-0002 | 93002-4012 | NATURAL | 1b 6b | d40 | 1/2 5/6 | | 2 & 5 | 91703-0003 | 91999-3483 | | | |
| 91999-2772 | 91703-0002 | 93002-4016 | NATURAL | 1b 2a 3a 4b 5a 5b 6b | 01c d60 | 2/3 5/6 | | NONE | 91703-0003 | 91999-3482 | A | A | NONE |
| 91999-2773 | 91703-0017 | 93002-4000 | NATURAL | 1b | 03c d60 | 1/2 4/5 | | NONE | 91703-0018 | 91999-3481 | C | A | NONE |
| 91999-2774 | 91703-0017 | 93002-4017 | NATURAL | 1a 1b 2b 3b | d20 05c d60 | 1/2 3/4 5/6 | | NONE | 91703-0018 | 91999-3480 | C | A | NONE |
| 91999-2775 | 91703-0017 | 93002-4016 | NATURAL | 1b 2a 3a 4b 5a 5b 6b | 01c d60 | 2/3 5/6 | | NONE | 91703-0018 | 91999-3479 | C | A | NONE |
| 91999-2776 | 91703-0002 | 93002-4018 | NATURAL | ALL | ALL | 1/2 4/5 | | NONE | 91703-0003 | 91999-3478 | A | A | NONE |
| 91999-2777 | 91703-0002 | 93002-4019 | NATURAL | 1b | 03c d60 | 1/2 5/6 | | NONE | 91703-0003 | 91999-3477 | A | A | NONE |
| 91999-2778 | 91703-0002 | 93002-4020 | NATURAL | 1b 2b 3b | 01c 05c d60 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3476 | A | A | NONE |
| 91999-2779 | 91703-0002 | 93002-4021 | NATURAL | ALL | ALL | 2/3 4/5 | | NONE | 91703-0003 | 91999-3475 | A | A | NONE |
| 91999-2780 | 91703-0002 | 93002-4023 | NATURAL | 1b 6a | 04c | 1/2 5/6 | | NONE | 91703-0003 | 91999-3474 | A | A | NONE |
| 91999-2781 | 91703-0017 | 93002-4000 | NATURAL | 1b | 03c d60 | 1/2 4/5 | | NONE | 91703-0018 | 91999-3473 | C | A | NONE |
| 91999-2782 | 91703-0002 | 93002-4022 | NATURAL | 1b 2a 2b 3a 3b 6a | ALL | 4/5 | | NONE | 91703-0003 | 91999-3472 | A | A | NONE |
| 91999-2783 | 91703-0002 | 93002-4025 | NATURAL | 1b 2a 3a 4b 5b 6a 6b | 01c d20 03c d60 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3471 | A | A | NONE |
| 91999-2784 | 91703-0002 | 93002-4012 | NATURAL | 2b 6b | d40 | 1/2 5/6 | | NONE | 91703-0003 | 91999-3470 | A | A | NONE |
| 91999-2785 | 91703-0002 | 93002-4026 | NATURAL | 1a 1b 2a 2b 3a 3b 6a | 01c d10 02c d30 d50 06c | 4/5 | | NONE | 91703-0003 | 91999-3469 | A | A | NONE |
| 91999-2786 | 91703-0002 | 93002-4000 | NATURAL | 1b | 03c d60 | 1/2 4/5 | | 2 | 91703-0003 | 91999-3468 | A | A | NONE |
| 91999-2787 | 91703-0002 | 93002-4027 | NATURAL | 1a 1b 2a 2b 3a 3b 5b 6b | 01c d20 03c d30 04c 05c d60 | 1/2 5/6 | | NONE | 91703-0003 | 91999-3467 | A | A | NONE |

6 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | | | | | | | | | P.C.B. OPTION | PACKAGE OPTION # | COLOUR STRIPE |
|---|-------------------|----------------------|---------|----------------------------|--------------------------|-------------------|------------------------------|----------------------|----------------------|----------------------|------------------|---------------------|------------------|
| PART NO. (ITN) | TERM NO. (ITN) | MOLEX HOUSING NO. | COLOUR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | TERM NO. (SILVER) | PART NO. (SILVER) | | | |
| 91999-2788 | 91703-0002 | 93002-4028 | NATURAL | 1b 5b 6a | d20 03c d40 05c | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-3487 | A | A | NONE |

NOTES:

* SEE SHEET 1 NOTE 4

| | | | | | | | | |
|--|---|--|---|--|--|----------------------------------|------------------------|--|
| see sheet 1 SEC NO: PG2017-0474 DRAWN: ZGRAMER CHKD: APPR: BRUTILE BN | 2016/11/15 2016/11/22 DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION | |
| | | $\nabla=0$ $\nabla=0$ | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2° | MM ONLY DRAWN BY DATE B. RUTILE 2006/10/04 CHECKED BY DATE T. TOURSH 2006/10/04 APPROVED BY DATE BMAGUIRE 2006/10/04 | 1:1 | METRIC | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | RAST 5 VERT HDR PA 66 HOUSING | | |
| | | | | | MATERIAL NO. DOCUMENT NO. SHEET NO. SD-91999-001 7 OF 10 | | | |

| 7 CIRCUIT | | | | | | | | | | SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | P.C.B. POLARISATION OPTION | PACKAGING OPTION * | COLOUR STRIPE |
|-------------------|-------------------|----------------------|---------|----------------------------|----------------------------|--------------------|------------------------------|----------------------|----------------------|---|---|---|----------------------------------|-----------------------|------------------|
| PART NO. (T80) | TERM NO. (T80) | MOLEX HOUSING NO. | COLOUR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID DKT | TERM NO. (SILVER) | PART NO. (SILVER) | | | | | |
| 91999-3511 | 91703-0002 | 93002-5000 | NATURAL | NONE | 03c d40 d7c | 1/2 5/6 | | NONE | 91703-0003 | 91999-4249 | A | A | NONE | | |
| 91999-3512 | 91703-0002 | 93002-5001 | NATURAL | 3a 4a | d30 d70 | 1/2 5/6 | | NONE | 91703-0003 | 91999-4248 | A | | | | |
| 91999-3504 | 91703-0002 | 93002-5002 | NATURAL | 2b | d20 d60 | 1/2 5/6 | | NONE | 91703-0003 | 91999-4247 | A | | | | |
| 91999-3508 | 91703-0002 | 93002-5003 | NATURAL | 1a 1b 3a 4b 5a | 01c 07c | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-4243 | A | | | | |
| 91999-3509 | 91703-0002 | 93002-5004 | NATURAL | 2a | 01c d50 | 2/3 4/5 | | NONE | 91703-0003 | 91999-4242 | A | | | | |
| 91999-3515 | 91703-0002 | 93002-5005 | NATURAL | 7b | 01c d40 d70 | 1/2 3/4 6/7 | | NONE | 91703-0003 | 91999-4240 | A | | | | |
| 91999-3516 | 91703-0002 | 93002-5006 | NATURAL | 1b | 03c d60 | 1/2 4/5 | | NONE | 91703-0003 | 91999-4239 | A | | | | |
| 91999-3517 | 91703-0002 | 93002-5007 | NATURAL | 1a 3a 4b 7b | 01c d20 03c 06c | 1/2 3/4 6/7 | | NONE | 91703-0003 | 91999-4238 | A | | | | |
| 91999-3519 | 91703-0002 | 93002-5008 | NATURAL | 1b 7a | 02c d50 | 2/3 6/7 | | NONE | 91703-0003 | 91999-4237 | A | | | | |
| 91999-3521 | 91703-0002 | 93002-5009 | NATURAL | 1a 2b 3a 4b 6a | d20 03c d40 d50 d70 | 1/2 3/4 6/7 | | NONE | 91703-0003 | 91999-4236 | A | | | | |
| 91999-3522 | 91703-0002 | 93002-5010 | NATURAL | 1b 6a | d20 03c d50 d70 | 1/2 3/4 6/7 | | NONE | 91703-0003 | 91999-4235 | A | | | | |
| 91999-3523 | 91703-0002 | 93002-5011 | NATURAL | 1b 2a 5a 5b 7b | d20 d50 06c d70 | 1/2 4/5 6/7 | | NONE | 91703-0003 | 91999-4234 | A | | | | |
| 91999-3524 | 91703-0002 | 93002-5012 | NATURAL | 2b | d20 07c | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-4233 | A | | | | |
| 91999-3525 | 91703-0002 | 93002-5013 | NATURAL | 2a 2b 4b 5b d60 | d20 03c d40 d60 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-4232 | A | | | | |
| 91999-3526 | 91703-0002 | 93002-5014 | NATURAL | 2b 4a 4b 5b 6a | 01c d20 d40 d60 | 1/2 3/4 5/6 | | NONE | 91703-0003 | 91999-4231 | A | | | | |
| 91999-3527 | 91703-0002 | 93002-5015 | NATURAL | 1b 2a 3a 5b 6a 6b 7b | 01c d70 | 2/3 6/7 | | NONE | 91703-0003 | 91999-4230 | A | | | | |
| 91999-3528 | 91703-0002 | 93002-5016 | NATURAL | ALL | ALL | 1/2 5/6 | | NONE | 91703-0003 | 91999-4229 | A | | | | |
| 91999-3529 | 91703-0002 | 93002-5017 | NATURAL | 2a 3b 4b 5a 6a 6b 7a | 01c d30 04c 06c d60 d70 | 1/2 4/5 | | NONE | 91703-0003 | 91999-4228 | A | | | | |
| 91999-3530 | 91703-0002 | 93002-5018 | NATURAL | none | 04c 07c | 1/2 5/6 | | NONE | 91703-0003 | 91999-4227 | A | | | | |
| 91999-3531 | 91703-0017 | 93002-5000 | NATURAL | none | 03c d40 07c | 1/2 5/6 | | NONE | 91703-0018 | 91999-4226 | A | | | | |
| 91999-3532 | 91703-0002 | 93002-5021 | NATURAL | 5b | d30 d70 | 1/2 6/7 | | NONE | 91703-0003 | 91999-4225 | A | | | | |
| 91999-3533 | 91703-0002 | 93002-5022 | NATURAL | 1a 1b 2b 3a 4b 6a | d10 d30 04c d40 d50 d70 | 2/3 6/7 | | NONE | 91703-0003 | 91999-4224 | A | | | | |
| 91999-3534 | 91703-0002 | 93002-5023 | NATURAL | 1b 2b 3a 4a 7b | d20 03c d70 | 1/2 3/4 4/5 6/7 | | NONE | 91703-0003 | 91999-4223 | A | | | | |
| 91999-3535 | 91703-0002 | 93002-5021 | NATURAL | 5b | d30 d70 | 1/2 6/7 | | 2,4&6 | 91703-0003 | 91999-4222 | A | | | | |
| 91999-3536 | 91703-0002 | 93002-5001 | NATURAL | 3a 4a | d30 d70 | 1/2 5/6 | | NONE | 91703-0003 | 91999-4221 | A | | | | |
| 91999-3537 | 91703-0002 | 93002-5021 | NATURAL | 5b | d30 d70 | 1/2 6/7 | | 2,4&6 | 91703-0003 | 91999-4220 | B | | | | |
| 91999-3538 | 91703-0002 | 93002-5001 | NATURAL | 3a 4a | d30 d70 | 1/2 5/6 | | 2,4&6 | 91703-0003 | 91999-4219 | B | | | | |

NOTES:
* SEE SHEET 1 NOTE 4

| | | | | | | | | |
|---|--|------------|---|---|---|--------------|------------------------------|------------------------|
| SEE SHEET 1 SEC NO: IPG2017-0474 DRAWN:ZGRAMER CHKD: APPR:BRUTILE BN | 2016/11/15 | 2016/11/22 | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- ANGULAR ± 2° | DIMENSION STYLE MM ONLY | SCALE 1:1 | DESIGN UNITS METRIC | THIRD ANGLE PROJECTION |
| | DRAWN BY DATE B. RUTILE 2006/10/04 | | CHECKED BY DATE T. TOURSH 2006/10/04 | | APPROVED BY DATE BMAGUIRE 2006/10/04 | | MATERIAL NO. | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | SEE CHART | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | DOCUMENT NO. SD-91999-001 | |
| | SHEET NO. 8 OF 10 | | | | | | | |

8 CIRCUIT

| SEE CODE DESIGNATION TABLE FOR NUMBERING FORMAT WHEN ADDING NEW PART NUMBERS | | | | | | | | | | P.C.B. POLARISATION OPTION | PACKAGING OPTION * | COLOUR STRIPE | |
|---|-------------------|----------------------|---------|-------------------------------|---|--------------------|------------------------------|----------------------|----------------------|----------------------------------|-----------------------|------------------|----------------------|
| PART NO. (TIN) | TERM NO. (TIN) | MOLEX HOUSING NO. | COLOUR | UNBLOCKED POSITION KEYS | UNBLOCKED CODING KEYS | LATCH POSITION | CONFIGURATION (SEE NOTES) | TERMINAL VOID CKT | TERM NO. (SILVER) | | | | PART NO. (SILVER) |
| 91999-4250 | 91703-0002 | 93002-6010 | NATURAL | 06b | 01c 07b 04c 06d 05c 02b 04c 06d 07c 07b 08c 08b | 2/3 | | NONE | 91703-0003 | 91999-4999 | A | A | NONE |
| 91999-4251 | 91703-0002 | 93002-6011 | NATURAL | 1a 4b 5c 6b 7b 8a | 04d 05d 07c 08d | 1/2 3/4 5/6 7/8 | | NONE | 91703-0003 | 91999-4998 | A | A | NONE |
| 91999-4252 | 91703-0002 | 93002-6012 | NATURAL | all | 02d 03c 06d 07c | 1/2 7/8 | | 2 4 8 | 91703-0003 | 91999-4997 | A | A | NONE |
| 91999-4253 | 91703-0002 | 93002-6013 | NATURAL | 1a 2a 3a 4b 5a 5b 6b 7b 8b | 01c 03c 06d 07c | 1/2 3/4 5/6 7/8 | | NONE | 91703-0003 | 91999-4996 | A | A | NONE |

| | | | | | | |
|---|---|--|--------------------------------------|-------|--------------|------------------------|
| SEE SHEET 1 SEC NO: IPG2017-0474 DRAWN: ZCRAMER 2016/11/15 CHKD: APPR: BRUTTLE 2016/11/22 BN | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | $\nabla=0$ $\nabla=0$ | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.1 ± --- 1 PLACE ± 0.2 ± --- 0 PLACE ± ± --- | MM ONLY | 1:1 | METRIC | |
| | DRAWN BY: B. RUTTLE CHECKED BY: T. TOURSH APPROVED BY: BMAGUIRE | DATE: 2006/10/04 DATE: 2006/10/04 DATE: 2006/10/04 | TITLE: RAST 5 VERT HDR PA 66 HOUSING | | | |
| | MATERIAL NO. | SEE CHART | DOCUMENT NO. SD-91999-001 | | | |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | |
| | | SIZE | SHEET NO. | | | |
| | | A 1 | 9 OF 10 | | | |

PARTS OFFERING PACKAGING OPTION 'D'

TO REQUEST A NEW P/N OFFERING OPTION 'D' CONTACT ENGINEERING DEPARTMENT

FOR KEYING AND TERMINAL INFORMATION, LOOKUP 'MADE-FROM' PART NUMBER IN APPLICABLE TABLE

REFER TO PK-90858-001

| 2 CIRCUIT | |
|------------------------|------------|
| OPTION 'D' PART NO. | MADE FROM |
| 91999-9500 | 91999-0003 |
| | |
| | |
| | |

| 3 CIRCUIT | |
|------------------------|------------|
| OPTION 'D' PART NO. | MADE FROM |
| 91999-9600 | 91999-0502 |
| | |
| | |
| | |

| 4 CIRCUIT | |
|------------------------|-----------|
| OPTION 'D' PART NO. | MADE FROM |
| | |
| | |
| | |
| | |

| 5 CIRCUIT | |
|------------------------|-----------|
| OPTION 'D' PART NO. | MADE FROM |
| | |
| | |
| | |
| | |

| 6 CIRCUIT | |
|------------------------|-----------|
| OPTION 'D' PART NO. | MADE FROM |
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| | |

| 7 CIRCUIT | |
|------------------------|-----------|
| OPTION 'D' PART NO. | MADE FROM |
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| | |

| 8 CIRCUIT | |
|------------------------|-----------|
| OPTION 'D' PART NO. | MADE FROM |
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|--|----------------------|--|---|----------------------------------|--------------|------------------------|
| SEE SHEET 1 SEC NO: IPG2017-0474 DRAWN BY: CRAMER CHKD: BN APPR: BRUTILE 2016/11/22 | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 | mm INCH | MM ONLY | 1:1 | METRIC | |
| | ▽=0 | 4 PLACES ± --- ± --- | DRAWN BY DATE | TITLE | | |
| | | 3 PLACES ± --- ± --- | B. RUTILE 2006/10/04 | RAST 5 VERT HDR PA 66 HOUSING | | |
| | 2 PLACES ± 0.1 ± --- | CHECKED BY DATE | moxlex DOCUMENT NO. SD-91999-001 SHEET NO. 10 OF 10 | | | |
| | 1 PLACE ± 0.2 ± --- | T. TOURSH 2006/10/04 | | | | |
| | 0 PLACE ± ± --- | APPROVED BY DATE | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | |
| | | B. MAGUIRE 2006/10/04 | | | | |
| | | MATERIAL NO. | | | | |
| | | SEE TABLES | | | | |
| | | ANGULAR ± 2 ° | | | | |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | |

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