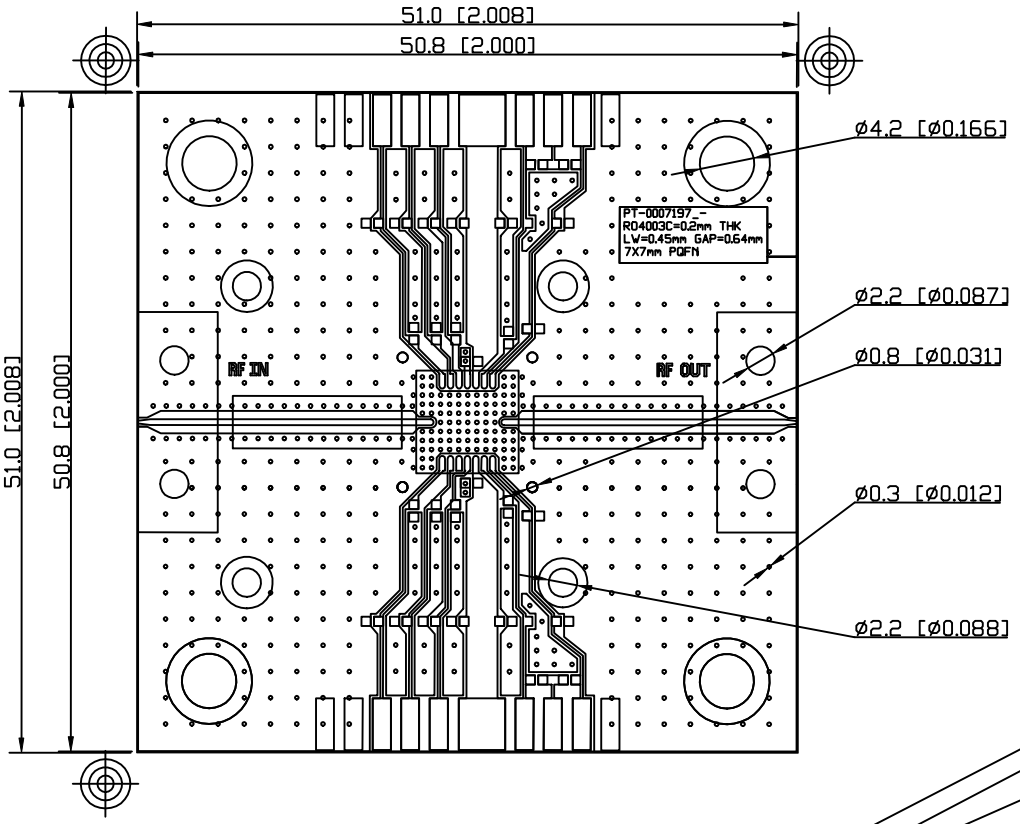
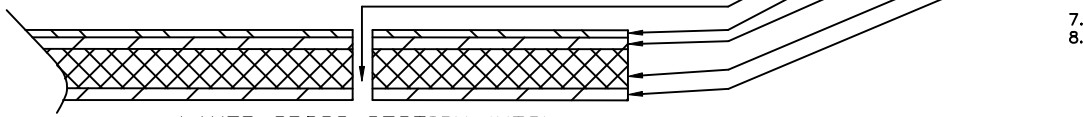
| DWG.NO. | PT-0007197 | SH 1 |
|---|---|---|

ATTENTION: OBSERVE PRECAUTIONS FOR ELECTROSTATIC DISCHARGE SENSITIVE DEVICES

| REVISIONS | |
|---|---|
| REV | DESCRIPTION |
| - | NEW RELEASE PER CO-016749 |
| | |



LAYER CROSS-SECTION (NTS)

MATERIAL NOTES UNLESS OTHERWISE SPECIFIED

1. ONLY THE ITEM DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR(S) LISTED HEREON IS APPROVED BY M/A-COM FOR USE IN THE APPLICATION(S) SPECIFIED HEREON. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY M/A-COM.

2. IDENTIFICATION OF THE "APPROVED SOURCE(S) OF SUPPLY" HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY ON THE DRAWING.

3. BOARD WARPAGE: 0.254MM PER LINEAR MM MAX

4. HOLE SIZES DRAWN ARE DRILL SIZE – FINISHED HOLE SIZE NOT CRITICAL
   - 4.1. PLATE THRU HOLES WITH COPPER MINIMUM 35UM THICKNESS
   - 4.2. HOLE SIZE TOLERANCE +/– 0.0762MM
   - 4.3. ALL HOLES TO BE LOCATED WITHIN +/– 0.0762MM TRUE POSITION IN RELATION TO PAD
   - 4.4. FRONT TO BACK REGISTRATION: +/– 0.0762MM

5. MATERIAL: ROGERS RO/4003C, ER= 3.38, 0.203 MM (8MIL) SEE LAYER INFORMATION BELOW

6. LAYER INFORMATION
   - 6.1. VIAS – DRILL HOLES THRU ALL
   - 6.2. SM-SMKEEPOUT(NEGITIVE)– TOP SOLDER RESIST – 25UM (COLOUR GREEN)
   - 6.3. METAL–1 (TOP) – 17.5UM COPPER, FINISH: 3–10 MICRON, NICKEL 0.02–0.1 MICRON IMMERSION GOLD
   - 6.4. LAMINATE 1 – RO4003C 0.203MM
   - 6.5. METAL–2 (BOTTOM)– 17.5UM COPPER, FINISH: 3–10 MICRON, NICKEL 0.02–0.1 MICRON IMMERSION GOLD
   - 6.6. SILKSCREEN – TOP (COLOUR WHITE)

7. DIMENSIONS: MM [INCHES]
8. A PHOTO PLOT OF ALL LAYERS IS TO BE REVIEWIED BY ENGINEERING BEFORE MANUFACTURE IS TO BEGIN.

| HOLE TABLE | | | | |
|---|---|---|---|---|
| REF. | DIA. | TOL. | QTY. | PLATING |
| TO1 | 0.30 | ±0.076 | 594 | PTH |
| TO2 | 0.80 | ±0.076 | 2 | PTH |
| TO3 | 2.20 | ±0.076 | 8 | PTH |
| TO4 | 4.20 | ±0.076 | 4 | PTH |

HOLE DIA. AND TOL. IN MILLIMETERS


PROPRIETARY AND PRIVATE

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH SHALL SHALL NOT BE REPRODUCED, TRANSFERRED TO OTHER DOCUMENTS, DISCLOSED TO OTHERS, USED FOR MANUFACTURING OR ANY OTHER PURPOSE WITHOUT PRIOR WRITTEN PERMISSION FROM M/A-COM.


UNLESS OTHERWISE SPECIFIED INTERPRET DRAWING PER ANSI Y14.5 DO NOT SCALE THIS DRAWING

NOTE: THIS DRW INCORPORATES THIRD ANGLE PROJECTION

| - | - |
|---|---|
| NEXT ASSY | USED ON |
| APPLICATION | |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS

| TOLERANCES ON | |
|---|---|
| DECIMALS | ANGLES |
| .X ± .1<br>.XX ± .02<br>.XXX ± .005<br>.XXXX ± | ±0.5° |

UNLESS OTHERVISE SPECIFIED 32 ALL OVER

MATERIAL: SEE NOTES

FINISH: SEE NOTES


MACOM

WOODCHESTER HOUSE
NEWFORGE LANE,
BELFAST
NORTHERN IRELAND


TITLE: FAB,PWB,4003C, EVAL,DFN,7X7MM,

| SIZE | CAGE CODE | DRAWING NO. |
|---|---|---|
| A3 | – | PT-0007197 |

| SCALE: X/X | WEIGHT / | SHEET 1 OF 1 |
|---|---|---|

FRM-4173