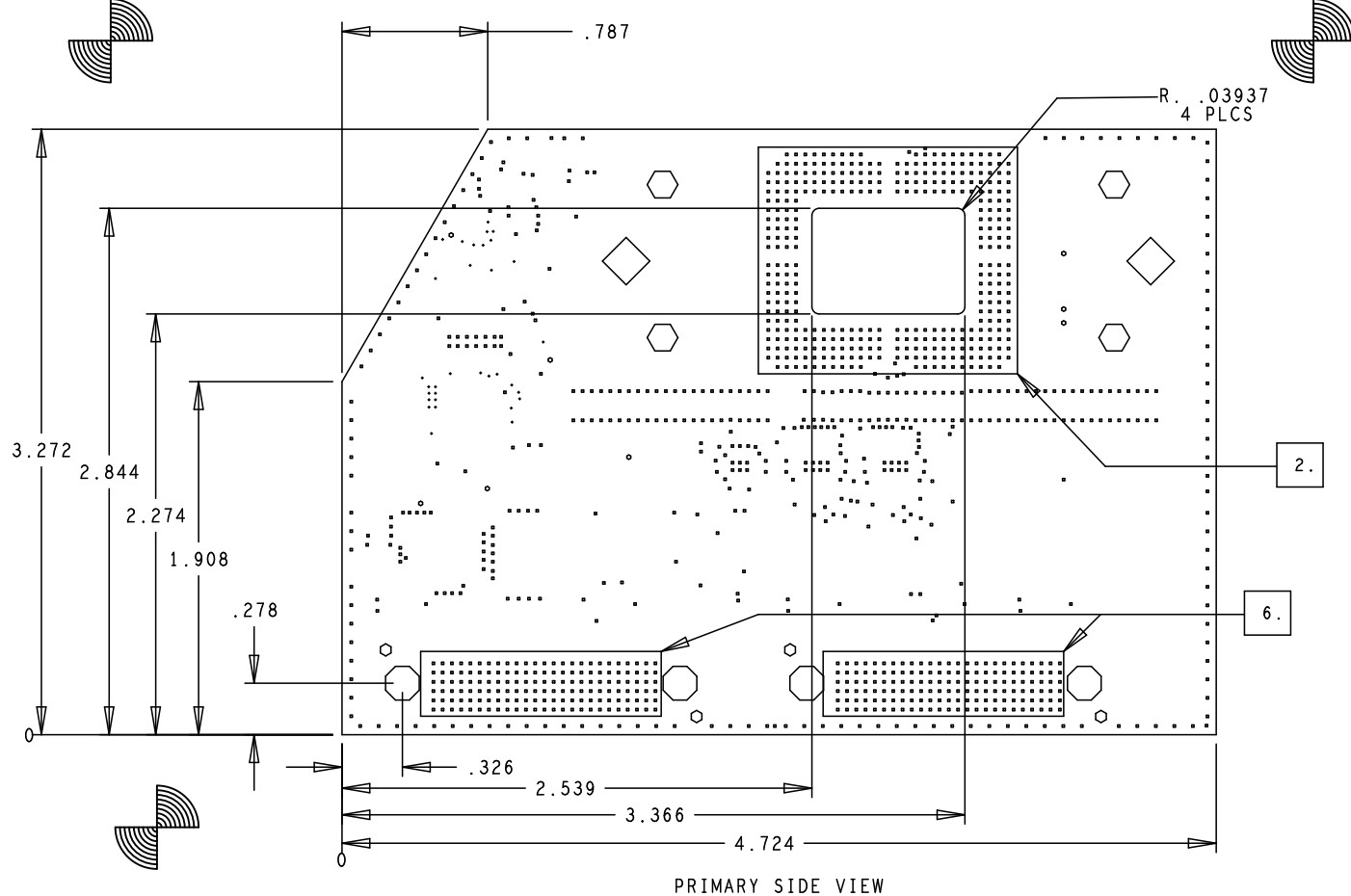


DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FIGURE	SIZE	TOLERANCE	PLATED	QTY
.	10.0	+3.0/-10.0	PLATED	32
.	12.0	+3.0/-12.0	PLATED	1121
.	24.0	+3.0/-3.0	PLATED	8
⬡	166.0	+3.0/-3.0	PLATED	4
⬢	66.0	+3.0/-3.0	NON-PLATED	4
⬢	182.0	+3.0/-3.0	NON-PLATED	4
⬢	256.0	+3.0/-3.0	NON-PLATED	2



CUSTOMER NAME					
TEXAS INSTRUMENTS					
BOARD NAME			DESCRIPTION		
0.7 WQXGA/UHD DMD Board			FABRICATION DRAWING		
BOARD NO.	REV	DATE	PRJ#	SH 17 OF 17	
2514419		19 FEB 2015	TIDL P-23668-01		

FAB NOTES:

1. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED. ALL BOARD OUTLINE DIMENSION TOLERANCES ARE +/- .010"
2. THE PWB SHALL BE FABRICATED TO IPC-6012, CLASS 2 AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2. CURRENT REVISIONS.
3. BOARD MATERIAL SHALL BE 180 Tg/340 Td ISOLA FR-370HR OR EQUIVALENT, RoHS COMPLIANT AND LEAD FREE ASSEMBLY CAPABLE. BOARD MATERIAL SHALL MEET OR EXCEED IPC-4101B. COLOR: NATURAL.
4. BOARD MATERIAL & CONSTRUCTION TO BE U.L. APPROVED AND MARKED ON THE FINISHED BOARD.
5. MINIMUM COPPER WALL THICKNESS OF PLATED-THRU HOLES TO BE .001 INCH, WITH A MINIMUM ANNULAR RING OF .001 INCH.
6. OVERALL BOARD THICKNESS TO BE .062 +/- 10% AND APPLIES AFTER ALL LAMINATION AND PLATING PROCESSES, MEASURED FROM COPPER TO COPPER.
7. MAX. WARP & TWIST TO BE .0075 INCHES PER INCH.
8. BOARD MUST BE ELECTRICALLY TESTED USING SUPPLIED IPC-D-356 NETLIST.

PROCESS NOTES:

1. EXCEPT AS NOTED IN NOTE 2 AND 6, PLATE ALL EXPOSED AREAS WITH ELECTROLYTIC IMMERSION GOLD, NICKEL 100 MICROINCHES THK GOLD 2-6 MICROINCHES THK MIN.
2. PLATE INDICATED PAD AREAS WITH 150 MICROINCHES MIN. LOW STRESS NICKEL UNDER 5-15 MICROINCHES GOLD HAVING A HARDNESS OF KNOOP14.
3. APPLY LPI SOLDERMASK OVER BARE COPPER (SMOBC), COLOR: BLUE. SOLDERMASK SHALL CONFORM TO IPC-SM-840, CLASS H. CURRENT REV.
4. SOLDERMASK ARTWORK HAS ZERO (0) OVERSIZED PADS. FABRICATION VENDOR IS ALLOWED TO ADJUST THE COMPONENT SOLDERMASK PADS TO MEET THEIR TOOLING REQUIREMENTS, WHILE MAINTAINING WEBBING BETWEEN ADJACENT PADS.
5. APPLY LPI SILKSCREEN OR EQUIVALENT PER THE ARTWORK. COLOR: WHITE.
6. PLATE INDICATED PAD AREAS WITH ELECTROPLATED 100 MICROINCHES MIN. LOW STRESS NICKEL UNDER 30 MICROINCHES MIN. GOLD HAVING A HARDNESS OF KNOOP14.

LAYER 1 PRIMARY SIDE - 1.5 OZ Cu Final, 6.25 MILS 50 OHMS SINGLE ENDED
3.86 MILS
LAYER 2 GND PLANE - 1 OZ Cu
6.00 MILS
LAYER 3 SIGNAL - .5 OZ Cu , 4.8 MIL WIDTH/7.2 MIL SPACING 100 OHMS DIFFERENTIAL, 5.75 MILS 50 OHMS SINGLE ENDED
6.48 MILS
LAYER 4 GND PLANE - 1 OZ Cu
5.00 MILS
LAYER 5 SIGNAL - .5 OZ Cu , 6 MILS 50 OHMS SINGLE ENDED
8.84 MILS
LAYER 6 SIGNAL - .5 OZ Cu , 6 MILS 50 OHMS SINGLE ENDED
5.00 MILS
LAYER 7 POWER PLANE - 1 OZ Cu
6.48 MILS
LAYER 8 SIGNAL - .5 OZ Cu , 4.8 MIL WIDTH/7.2 MIL SPACING 100 OHMS DIFFERENTIAL,
6.00 MILS
LAYER 9 GND PLANE - 1 OZ Cu
3.86 MILS
LAYER 10 SECONDARY SIDE - 1.5 OZ Cu Final, 6.25 MILS 50 OHMS SINGLE ENDED

IMPEDANCE TOLERANCE = +/- 10%