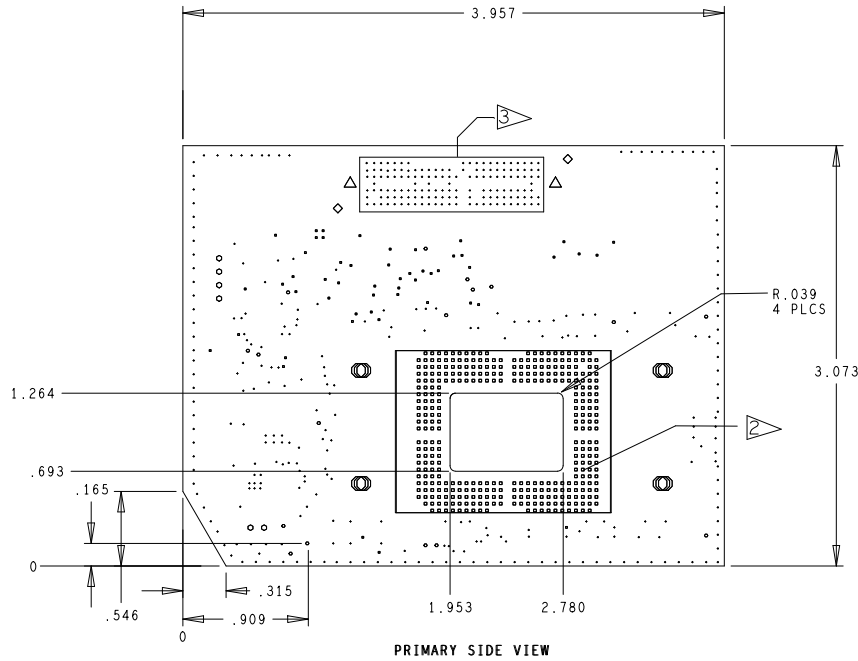


DRILL CHART: TOP & BOTTOM				
SYMBOL	SIZE	TOLERANCE	PLATED	QTY
Ø	10.0	+0.0/-0.0	PLATED	449
+	10.0	+0.0/-0.0	PLATED	422
+	12.0	+0.0/-0.0	PLATED	50
Ø	24.0	+0.0/-0.0	PLATED	17
Ø	42.0	+0.0/-0.0	PLATED	6
Ø	100.0	+0.0/-0.0	PLATED	12
◇	60.0	+0.0/-0.0	NON-PLATED	2
△	100.0	+0.0/-0.0	NON-PLATED	2



CUSTOMER NAME TEXAS INSTRUMENTS				
BOARD NAME 0.65 1080p s600 DMD CSTACK FLX			DESCRIPTION FABRICATION DRAWING	
BOARD NO. 2511980	REV	DATE 27 MAY 2015	PRJ# TIDL P-20277-02	SH 15 OF 15

FAB NOTES:

- ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE NOTED.
- THE PWB SHALL BE FABRICATED TO IPC-6012, CLASS 2 AND WORKMANSHIP SHALL CONFORM TO IPC-A-600, CLASS 2. CURRENT REVISIONS.
- 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.
- BOARD MATERIAL & CONSTRUCTION TO BE U.L. APPROVED AND MARKED ON THE FINISHED BOARD.
- MINIMUM COPPER WALL THICKNESS OF PLATED-THRU HOLES TO BE .001 INCH, WITH A MINIMUM ANNULAR RING OF .002 INCH.
- OVERALL BOARD THICKNESS TO BE .062 +/- 10% AND APPLIES AFTER ALL LAMINATION AND PLATING PROCESSES, MEASURED FROM COPPER TO COPPER.
- MAX. WARP & TWIST TO BE .0075 INCHES PER INCH.
- BOARD MUST BE ELECTRICALLY TESTED USING SUPPLIED IPC-D-356 NETLIST.

PROCESS NOTES:

- EXCEPT AS NOTED IN NOTE 2 AND 3, PLATE ALL EXPOSED AREAS WITH ELECTROLESS IMMERSION GOLD, NICKEL 150-200 MICROINCHES THK GOLD 5-15 MICROINCHES THK MIN.
- PLATE INDICATED U3 PAD AREAS (350 PLACES, SECONDARY SIDE) WITH 0.00015 INCH MIN. LOW STRESS NICKEL UNDER 0.00005 - 0.000015 INCH MIN. GOLD.
- PLATE INDICATED P1 PAD AREAS (PRIMARY AND SECONDARY SIDE) WITH ELECTROLYTIC PLATING 100-200 MICROINCHES OF NICKEL UNDER 35-50 MICROINCHES OF HARD GOLD.
- APPLY LPI SOLDERMASK OVER BARE COPPER (SMOBC), COLOR: RED. SOLDERMASK SHALL CONFORM TO IPC-SM-840, CLASS H. CURRENT REV.
- SOLDERMASK ARTWORK HAS ZERO (0) OVERSIZED PADS. FABRICATION VENDOR IS ALLOWED TO ADJUST THE COMPONENT SOLDERMASK PADS TO MEET THEIR TOOLING REQUIREMENTS.
- APPLY LPI SILKSCREEN OR EQUIVALENT PER THE ARTWORK. COLOR: WHITE.

LAYER 1 PRIMARY SIDE - 1.5 OZ Cu
 LAYER 2 GND PLANE - 1 OZ Cu
 LAYER 3 SIGNAL - .5 OZ Cu 5/5 100 OHMS DIFFERENTIAL
 5.1 50 OHM IMPEDANCE

LAYER 4 GND PLANE - 1 OZ Cu
 LAYER 5 POWER PLANE - 1 OZ Cu
 LAYER 6 SIGNAL - .5 OZ Cu 5/5 100 OHMS DIFFERENTIAL
 5.1 50 OHM IMPEDANCE

LAYER 7 GND PLANE - 1 OZ Cu
 LAYER 8 SECONDARY SIDE - 1.5 OZ Cu

IMPEDANCE TOLERANCE +/- 10%

