

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0.40mil	3.5	
3	Top Layer	Copper	1.40mil		
4	Dielectric1	FR-4	59.20mil	4.8	
5	Bottom Layer	Copper	1.40mil		
6	Bottom Solder	Solder Resist	0.40mil	3.5	
7	Bottom Overlay				

DESIGN INFORMATION

MIN. TRACK WIDTH: 6 MIL
 MIN. CLEARANCE: 0.2 mm
 MIN. VIA PAD SIZE: 20 MIL
 MINIMUM ANNULAR RING 0.05mm (2MIL) EXTERNAL
 PER IPC-D-275 CLASS 2 LEVEL C
 REGISTRATION TOLERANCES: METAL +/- 5 MIL, HOLES +/- 3 MIL

MATERIAL:
 FR-408 FR-4 High Tg OTHER _____
 THICKNESS: 62 MIL (1.6mm) +/-10% OTHER _____
 TOLERANCE: ANSI IPC-6012 TYPE 3 CLASS 2
 OTHER +/- _____
 BOW & TWIST: ANSI IPC-6012 TYPE 3 CLASS 2
 OTHER +/- _____

DRILLING:
 REFERENCE: AS SHOWN NC_DRILL FILES
 PTH MIN COPPER THICKNESS: 1MIL OTHER _____

BOARD FINISH:
 SILKSCREEN: TOP BOTTOM
 SILKSCREEN COLOR: WHITE OTHER _____
 SOLDER RESIST COLOR:
 GREEN BLUE OTHER _____

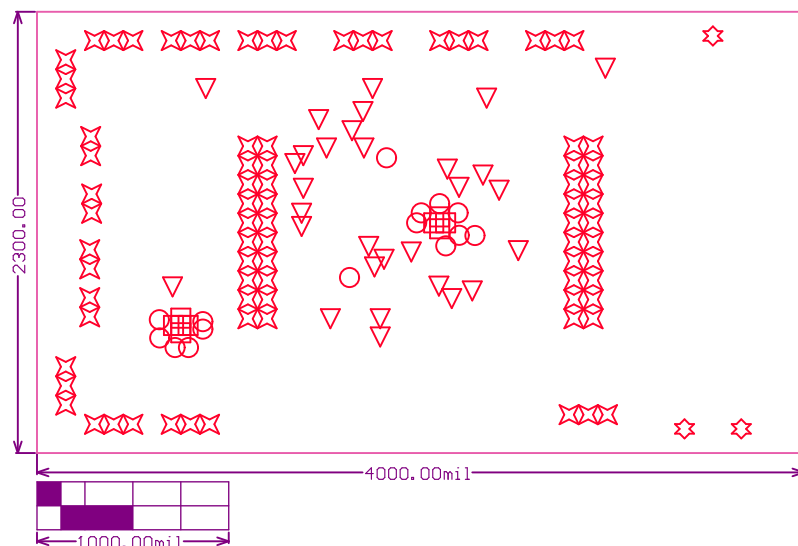
SURFACE FINISH: IMMERSION GOLD (ENIG) ENEPIG
 IMM. TIN/SILVER OR EQUIV OTHER _____

ARRAY/PANEL: CUT AND TRIM PER MECH LAYER 1
 N.C. ROUTE V. SCORE

CERTIFICATION: MATERIALS AND WORKMANSHIP FOR ALL PCBs TO MEET OR EXCEED THE REQUIREMENTS OF:
 ANSI IPC-A-600F CLASS -> 1 2 3
 UL 94V-0 RoHS OTHER PER ORDER

ADDITIONAL REQUIREMENTS:
 MICROSECTION: YES
 BARE BOARD ELEC. TEST: NONE REQUIRED PER ORDER
 MANUFACTURER'S UL: RAIL METAL SILK

Symbol	Quantity	Finished Hole Size	Plated	Hole Type
□	9	7.87mil (0.200mm)	PTH	Round
○	15	12.00mil (0.305mm)	PTH	Round
▽	30	16.00mil (0.406mm)	PTH	Round
☆	3	39.37mil (1.000mm)	PTH	Round
⊗	81	45.28mil (1.150mm)	PTH	Round
	138 Total			



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-00246	REV: E2	SUN REV: Not In VersionControl
LAYER NAME = 0215 Drillings			
PLOT NAME = Fabrication Drawing	GENERATED : 3/16/2015 2:52:09 PM	TEXAS INSTRUMENTS	

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TEXAS INSTRUMENTS

PROJECT TITLE: Generic Energy Harvester Adapter Module for Marlow PowerStrap

DESIGNED FOR: Public Release

FILE NAME: TIDA-00246_E2_TID.PcbDoc

ENGINEER: M. Chevrier

LAYOUT BY: E2: MCU - E1:GCD/KLAK

SCALE: 1.00

ALTIUM DESIGNER VERSION: 14.3.15.35511

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