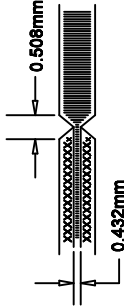


COMPONENT SIDE SHOWN

15. SCORING:



TOP		DIELECTRIC THICKNESS		approx 0.4mm	
LYR1	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
LYR2	XXXXXX	XXXXXX	XXXXXX	XXXXXX	XXXXXX
LYR3		XXXXXX		XXXXXX	
LYR4		XXXXXX		XXXXXX	
BOTTOM		LAYERING STRUCTURE			

SIZE	QTY	SYM	PLATED	TOL
0.2032	170	✕	YES	+/-0.08
0.7	2	+	YES	+/-0.08
1.63	4	□	YES	+/-0.13



DIELECTRIC THICKNESS approx 0.4mm

LYR1
LYR2
LYR3
LYR4

BOTTOM

LAYERING STRUCTURE

REVISION HISTORY

ECO	REV	DESCRIPTION	APPROVAL	DATE
	2	SECOND PROTOTYPE	ANDY M.	02/04/10
	2.1	PRODUCTION, SILKSCREEN CHNG.	ANDY M.	03/04/10

NOTES: UNLESS OTHERWISE SPECIFIED,

- ARTWORK P/N DC1528A REV 2.
- FAB PER IPC-A-600
- PCB SHALL BE RoHS COMPLIANT.
- MATERIAL:
 - LAMINATE: EPOXY & PREPREG, NELCO N4000-13. FLAMMABILITY RATING: 94 V-2 MINIMUM .
 - THICKNESS: 1.6 +/- 0.1 mm
 - CLAD: 2 OZ (50um) EXTERNAL LAYERS. 1 OZ. (25um) COPPER ON TWO INTERNAL LAYERS.
- FINISH:
 - COATING: SOLDERMASK OVER BARE COPPER, COLOR, GREEN LPI.
 - PLATING: GOLD IMMERSION BOTH SIDES.
 - SILKSCREEN: COMPONENT SIDE WITH WHITE NON-CONDUCTIVE INK.
- TOLERANCES:
 - WARPAGE: (0.075mm) MAX. ALONG THE LONGEST DIAG. AS PER IPC-TM650 METHOD 2.4.22.
 - ETCHING: +0.03mm, -0.3mm OF MASTER PATTERN.
 - REGISTRATION: 0.075mm MAX.
 - MASK THICKNESS: 0.025mm MIN., 0.075mm MAX.
 - HOLE PLATING: 22um +/- 3um.
- SIZE:
 - CUT TO DIMENSIONS AND TOLERANCES SHOWN. 0.00 ARE PRIMARY DATUMS.
 - HOLE DIAMETERS ARE POST-PLATED SIZES.
 - DEBURR AND BREAK ALL SHARP EDGES.
 - DO NOT ALTER ARTWORK e.g. TO ADD LOGO OR DATE CODE.
 - OUTER DIELECTRIC THICKNESS: TARGET 50-OHM USING 0.762mm TRACE. SEE STACKUP DIAGRAM.
 - CONTROLLED 50 OHM IMPEDANCE (AT 3GHz FREQ.) FOR LAYERS 1-2. (+/- 5%)
- 13

0.4mm THICKNESS REFLECTS DIELECTRIC CONSTANT OF 3.7@ 2GHz SUBJECT TO CHANGE BY MANUFACTURER, DEPENDING ON DIELECTRIC CONSTANT DEVIATIONS. INNER AND OUTER LAYER COPPER SHALL BE EXPOSED ALONG BOARD EDGES. DO NOT MODIFY INNER LAYER COPPER BACKOFF OUTLINE.



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TITLE: FABRICATION DRAWING.

RMS POWER DETECTOR

SIZE	IC NO	REV
N/A	LTC5582IDD	2
FILENAME: 1528A-2.PCB		
SHT 1 of 1		

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETERS
TOLERANCES ON ANGLE ±1°

XX ± 0.254
XXX ± 0.127
INTERPRET DIM AND TOL
PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

SCALE: NONE

APPROVALS

PCB DES.	MI
APP. ENG.	ANDY M.

SCALE: NONE