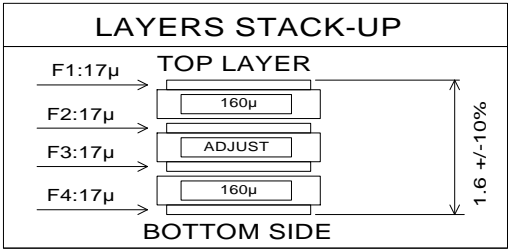
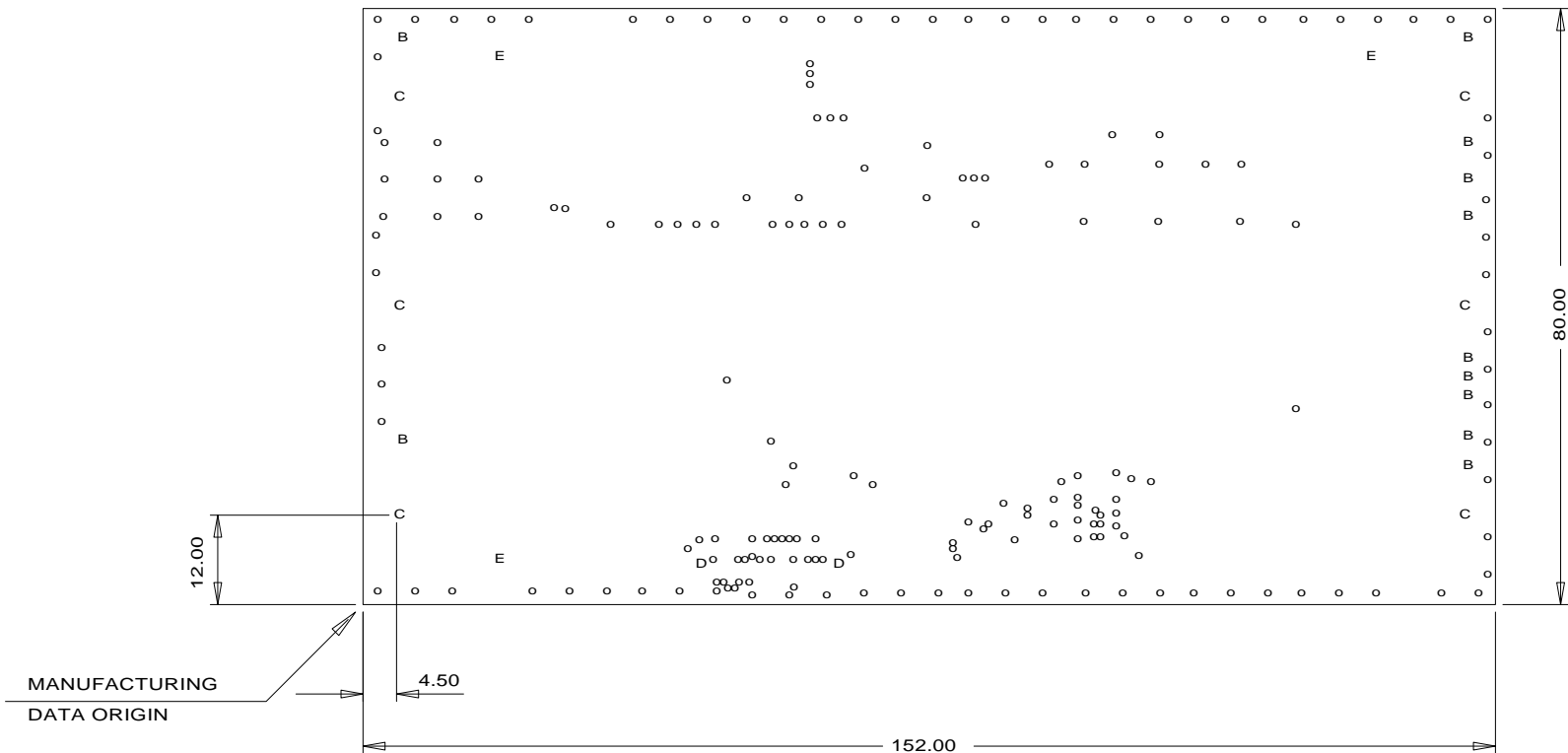


NOTES

CONTROLLED IMPEDANCES DESIGN.
RESPECT THE SPECIFIED MATERIALS AND THICKNESSES



TOP LAYER VIEW



BOARD DESIGN DEFAULT PARAMETERS

SPECIFIED VALUES ARE MINIMUM. USED VALUES MAY BE LARGER

	EXTERNAL LAYERS	INTERNAL LAYERS
PLATED HOLES MIN. LAND DIAMETER	FINISHED HOLE + 0.60mm	FINISHED HOLE + 0.60mm
VIA MINIMUM LAND DIAMETER	DRILL HOLE + 0.40mm	DRILL HOLE + 0.40mm
MINIMUM TRACK WIDTH	0.20mm	
MINIMUM AIR GAP BETWEEN COPPER PARTS	0.20mm	
MINIMUM AIR GAP BETWEEN : NON-PLATED HOLES & COPPER PARTS : BOARD EDGE & COPPER PARTS :	0.50mm 0.60mm	
SOLDER MASK LAND OVERSIZE	+ 0.10mm	
MINIMUM SOLDER MASK SLIVER	0.10mm	

SPECIFIC PARAMETERS

- 1- MANUFACTURING ACCORDING TO IPC-6012C CLASS 2
- 2- MATERIAL : VENTEC VT-47 OR EQUIVALENT
- 3- HOLES PLATING : COPPER PLATING ACCORDING TO IPC-6012C TABLES 3-3/3-4/3-5
- 4- COPPER WEIGHT : SEE LAYERS STACK-UP. ACCORDING TO IPC-6012C TABLE 3-11 (INTERNAL) & TABLE 3-12 (EXTERNAL, STARTING FOIL)
- 5- EXTERNAL LAYERS CHEMICAL PLATING: GOLD OVER NICKEL ACCORDING TO IPC6012C TABLE 3.2 CODE ENIG
- 6- SOLDER RESIST :
LIQUID PHOTOIMAGEABLE
COLOR : BLUE
- 7- SILK SCREEN PRINTING
EPOXYDE WHITE INK
- 8- PACKING PAPER WITH CORROSION INHIBITOR
- 9- RoHs COMPLIANT PRODUCT
- 10- BARE BOARD ELECTRICAL TEST IS REQUIRED

HOLES LEGEND

PLATED: SIZE=AFTER PLATING SIZE

VIAS & UN-PLATED : SIZE=DRILL SIZE

TOLERANCES (UNLESS OTHERWISE SPECIFIED) :

PLATED HOLES: SIZE<1.6 : +0.1/-0.05
SIZE>1.6 : +0.15/-0.1

VIAS : NO REQUIREMENT. CAN BE FULLY
OR PARTIALLY PLUGGED

NON-PLATED HOLES : +/-0.1

Drill Table				
Size	Plate Through	Letter	Count	Comments
0.3000	YES	o	190	VIA
1.0000	YES	B	11	
1.0000	NO	D	2	
3.0000	NO	E	3	TOL=+0/-0.05
3.2000	YES	C	6	

WARNING :
DRILL LETTERS ARE ONLY INTENDED TO PROVIDE
AN OVERVIEW OF THE DRILL MAP. THEY MAY NOT
MATCH WITH THE EXACT HOLES LOCATION.
THEY SHALL NOT BE USED FOR DRILL PROCESS.

08/2016	ADDED G5 FOR 5V CONFIGURATION	BE TECH	B				
DATE	MODIFICATION/EVOLUTION	EXECUTANT DESIGNER	REV	DATE	MODIFICATION/EVOLUTION	EXECUTANT DESIGNER	REV
TITRE/TITLE : 720p x 1280 DSI 2 lanes LCD						TOL. GENERALE GENERAL TOL.	
DOCUMENT : DRILL DRAWING						+/- 0,2	
		ECHELLE : SCALE : UNIT. : mm	1/1	DESS./DRAWN : DATE :	BE TECH 08/2016	VERIF/CHECKED	APPROUVE/APPROVED
ST MICROELECTRONICS 635 ROUTE DES LUCIOLES 06560 VALBONNE FRANCE				NUMERO DE DOCUMENT/DOCUMENT REFERENCE			
				NUMERO D ARTICLE/PART NUMBER			
				MB1230			
				3		01/01	
				C		B A	
						REV	