

Recommended Mechanical Drawing Format

NOTES: UNLESS OTHERWISE SPECIFIED

1. REQUIREMENTS:

- 1.1 THE REQUIREMENT OF THIS DRAWING SHALL TAKE PRECEDENCE OVER ALL OTHER DOCUMENTS.
- 1.2 THIS FLEXIBLE CIRCUIT SHALL CONFORM TO THE REQUIREMENTS OF IPC-6013 CLASS 2.

2. MATERIAL: PER STACK-UP DETAIL.

3. MANUFACTURING CRITERIA:

- 3.1 MINIMUM CONDUCTOR WIDTH ON LAYER L1 SHALL BE
- 3.2 COPPER PLATE UP IN HOLES SHALL BE .001 MIN.

4. FINISH:

- 4.1 ***INSERT GOLD SPEC HERE***
- 4.2 ***INSERT PLATING SPEC HERE***
- 4.3 DIMENSIONAL LIMITS, INCLUDING HOLES SIZES, APPLY AFTER PLATING.

5. IDENTIFICATION:

- 5.1 SILKSCREEN PER SUPPLIED MANUFACTURING DATA WITH NON-CONDUCTIVE WHITE EPOXY INK.
- 5.2 MARK EACH CIRCUIT WITH SUPPLIER DATE CODE WHERE INDICATED.

6. FINISHED CIRCUIT SHALL BE 100% ELECTRICALLY TESTED FOR OPENS AND SHORTS PER SUPPLIED NET LIST. STAMP TESTED CIRCUITS IN AREA

INDICATED PER NOTE 5.2.

7. FEATURES/DIMENSIONS NOT SHOWN ON THIS DRAWING ARE CONTROLLED BY APPLIED MATERIALS SUPPLIED MANUFACTURING DATA.

8. ALL ARTWORK CHANGES MUST BE APPROVED BY APPLIED MATERIALS.



FLEX STACKUP	FINISHED THICKNESS
TOP COVERFILM	0.0010
POLYIMIDE ADHESIVE	0.0010
LAYER 01 - SIGNAL	0.0007
POLYIMIDE	0.0050
LAYER 02 - SIGNAL	0.0007
POLYIMIDE ADHESIVE	0.0010
BOTTOM COVERFILM	0.0010
TOTAL:	0.0104

PROPRIETARY AND CONFIDENTIAL <small>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF IS PROHIBITED.</small>	DIMENSIONS ARE IN MILLIMETERS <small>UNLESS OTHERWISE SPECIFIED.</small> TOLERANCES ARE: DECIMALS: X ± 0.15 XX ± 0.13 XXX ± 0.10 ANGLES: ± 0.5°	DRAWN BY: _____ DATE: _____ APPROVAL #1: _____ DD-MMM-YY APPROVAL #2: _____ DD-MMM-YY
	MATERIAL: <MATERIAL> FINISH: <FINISH>	DRAWING NUMBER: _____ FILE NAME: _____ CONFIGURATION: _____
	 THIRD ANGLE PROJECTION	DO NOT SCALE DRAWING
	SIZE: B SCALE: 8:1 SHEET 1 OF 1 REV. _____	