
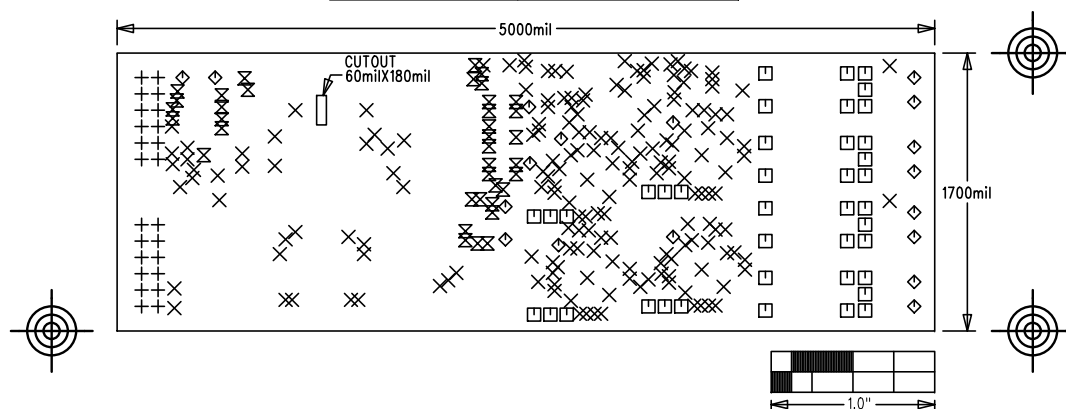


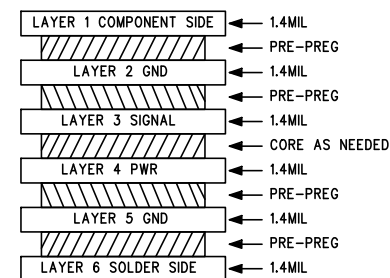
ALAMEDA (MAXREFDES24#)	
4-Ch High Accuracy Analog Current/Voltage Output	
P/N: EPCBREFDES24	REV A
 <b>maxim integrated™</b>	
LAYER DRILL & MECHANICALS	
DATE:	ALL UNITS ARE IN 0.001"



SIZE	QTY	SYM	PLATED	TOL
45	24	+	YES	+/-3.0
15	182	X	YES	+/-3.0
37	40	□	YES	+/-3.0
63	18	◇	YES	+/-3.0
25	37	⊗	YES	+/-3.0

## NOTES: UNLESS OTHERWISE SPECIFIED

- FABRICATE USING PROVIDED GERBER FILES PER LATEST REVISION OF IPC-A-600 UNLESS OTHERWISE NOTED.
- MATERIAL: RoHS COMPLIANT FR-408 OR SIMILAR LAMINATE MATERIAL WITH  $T_g \geq 170$  AND COMPATIBLE WITH LEAD-FREE SOLDERING PROCESS.
- BOARD DIMENSIONS: 5.00"x1.70"  $\pm 0.010$ ".  
BOARD THICKNESS: 0.062"
- LAYERS: 6. SEE LAYER STACKUP CHART.
- MINIMUM TRACE/SPACING: 10 MILS/8 MILS.
- COPPER CLAD FINISH: 1oz MINIMUM ON OUTER LAYERS AND 1oz ON INNER LAYERS.
- SURFACE MOUNT PADS: 437.
- SOLDERMASK: GREEN LPI SMOBC.
- LEGENDS: WHITE, DOUBLE-SIDED, NON-CONDUCTIVE EPOXY INK OR EQUIVALENT.  
CLIPPED ALL LEGENDS FROM EXPOSED METAL.
- PLATING: MUST BE LEAD FREE AND RoHS COMPLIANT.
- FINISH: VENDOR SHOULD USE THE MOST ECONOMICAL LEAD FREE AND RoHS COMPLIANT PROCESS AVAILABLE OR AS SPECIFIED IN PURCHASE ORDER.  
APPROVED FINISH:  
HASL LEAD-FREE  
IMMERSION TIN  
IMMERSION GOLD
- PUT VENDOR LOGO & DATE CODE IN INK ON BOTTOM SIDE ONLY. DATE CODE FORMAT MUST BE YYWW ONLY.
- THRU HOLES: 0.001" MIN.
- TOLERANCES:  
PLATED-THRU HOLES:  $\pm 0.003$ "  
PATTERN-TO-PATTERN:  $\pm 0.005$ "  
LEGEND TO LEGEND:  $\pm 0.007$ "  
SOLDERMASK TO PATTERN:  $\pm 0.005$ ".



CROSS SECTION DETAIL