
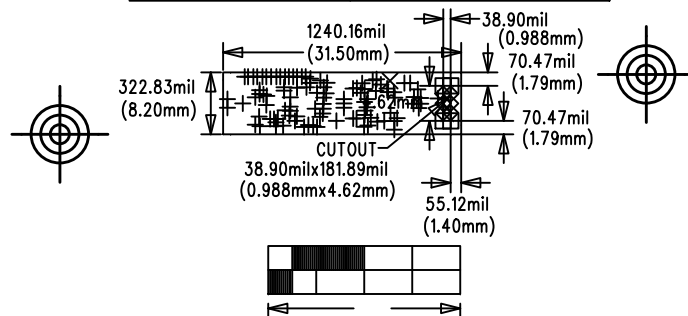


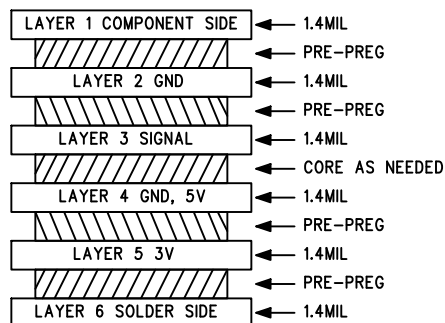
SARATOGA (MAXREFDES27#)	
IO LINK M12-4 PROX SENSOR DEVICE	
P/N: EPCBREFDES27	REV A
 <b>maxim integrated™</b>	
LAYER	DRILL & MECHANICALS
DATE:	ALL UNITS ARE IN 0.001"



SIZE	QTY	SYM	PLATED	TOL
5	103	+	YES	+/-3.0
15	1	×	YES	+/-3.0
15	4	□	NO	+/-3.0
10	6	◇	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 AND COMPATIBLE WITH LEAD-FREE SOLDERING PROCESS.
- BOARD DIMENSIONS: 0.323"x1.240" (8.20mmx31.50mm) +/- 0.005". BOARD THICKNESS: 0.062"
- LAYERS: 6.
- MINIMUM TRACE/SPACING: 3MILS/3MILS.
- COPPER CLAD FINISH: 1oz MINIMUM ON OUTER LAYERS AND 1oz ON INNER LAYERS.
- SURFACE MOUNT PADS: 167.
- SOLDERMASK: GREEN TAIYO PSR-4000.  
SOLDERMASK APERTURE TOLERANCE: +/-0.0005".
- 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: 3-8u" IMMERSION Au OVER 100u" Ni.
- 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: +/-0.003"  
PATTERN-TO-PATTERN: +/-0.005"  
LEGEND TO LEGEND: +/-0.007"



CROSS SECTION DETAIL