
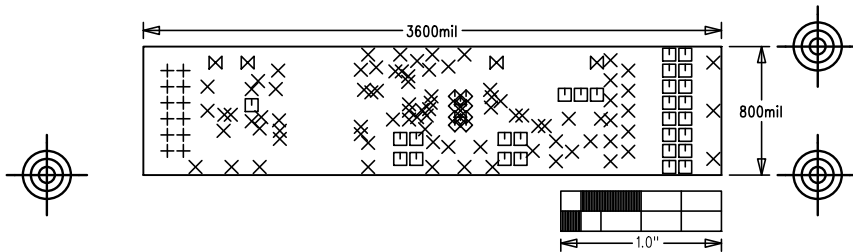


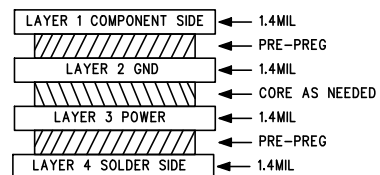
CORONA (MAXREFDES12#)	
Isolated Industrial Octal Digital Input Translator/Serializer	
P/N: EPCBREFDES12	REV A
 <b>maxim integrated™</b>	
LAYER DRILL & MECHANICALS	
DATE:	ALL UNITS ARE IN 0.001"



SIZE	QTY	SYM	PLATED	TOL
45	12	+	YES	+/-3.0
15	84	X	YES	+/-3.0
37	28	□	YES	+/-3.0
20	10	◇	YES	+/-3.0
35	1	⊗	YES	+/-3.0
63	4	⊗	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: 3.60"x0.80" +/- 0.010".  
BOARD THICKNESS: 0.062"
- LAYERS: 4.
- MINIMUM TRACE/SPACING: 10 MILS/6 MILS.
- COPPER CLAD FINISH: 1oz MINIMUM ON OUTER LAYERS AND 1oz ON INNER LAYERS.
- SURFACE MOUNT PADS: 132.
- 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
- VENDOR LOGO & DATE CODE: ALLOWED IN INK ON BOTTOM SIDE ONLY.
- THRU HOLES: 0.001" MIN.
- TOLERANCES:  
PLATED-THRU HOLES: +/-0.003"  
PATTERN-TO-PATTERN: +/-0.005"  
LEGEND TO LEGEND: +/-0.007"  
SOLDERMASK TO PATTERN: +/-0.005".



## CROSS SECTION DETAIL