1.•RoHS Compliance: NO

2.•IPC Specification:
INSPECTED PER IPC-600 (CURRENT REVISION) CLASS 2

3.•Material Specifications:
GLASS FIBER EPOXY LAMINATE AND PREPREG MATERIALS PER IPC-4101 (CURRENT REVISION).

4.•PCB Thickness:
CARD PROFILE: FINISHED CARD THICKNESS: 0.062" +/- 0.005"

5.•Via hole Size, Finish and Thickness:
HOLE SIZES SHOWN IN LEGEND ARE FINISHED SIZES AFTER PLATING AND REFLOW.

6.•Copper weight (oz) per layer:
COPPER PLATING-OUTER LAYERS HAVE A MINIMUM OF 1 oz COPPER CLADDING AND SHALL BE A MINIMUM OF 1 ½ oz AFTER PLATING. FINISHED HOLES SHALL HAVE AN AVERAGE COPPER THICKNESS OF 0.001 oz AND HAVE A MINIMUM THICKNESS OF 0.0008.

COPPER-INNER LAYERS (if any) SHALL HAVE A MINIMUM OF N/A oz COPPER

7.•Layer Stacking:
LAYER COUNT: 2
TECHNOLOGY LINE/SPACE: 8 mil LINE/8 mil SPACE
COPPER FINISH: HASL
SMT USED: TOP SIDE-> NO BOTTOM SIDE-> NO
ELECTRICAL TEST: REQUIRED, 100% FOR SHORTS AND OPENS
IMPEDANCE TESTING: NOT REQUIRED
SOLDERMASK: UNIQUE TOP AND BOTTOM SIDES
PLUG MASK: NOT REQUIRED
SILKSCREEN:TOP SIDE-> YES BOTTOM SIDE-> NO

8.•Solder mask specification:
SOLDERMASK TOP AND BOTTOM SIDE OF CARD USING LIQUID PHOTO IMAGEABLE MASK MATERIAL OVER BARE COPPER, PER IPC-SM-840. MASK ARTWORKS PROVIDED ARE 1:1 WITH PAD SIZES. VENDOR SHALL MODIFY TO OBTAIN MINIMUM PAD TO MASK CLEARANCE. SOLDER MASK COLOR: BLACK

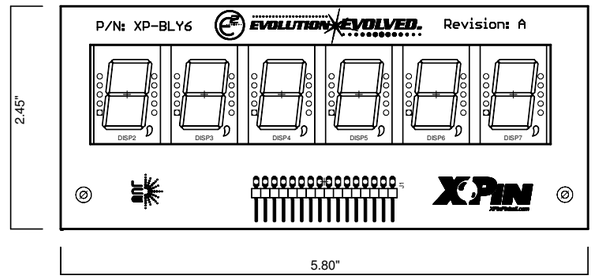
9.•Silkscreen:
SILKSCREEN CARD PER ARTWORK PROVIDED USING NON-CONDUCTIVE WHITE EPOXY INK. VENDOR TO MODIFY SILKSCREEN ARTWORK (SHAVE) SUCH THAT NO SILKSCREEN APPEARS ON EXPOSED METALLIC AREAS.

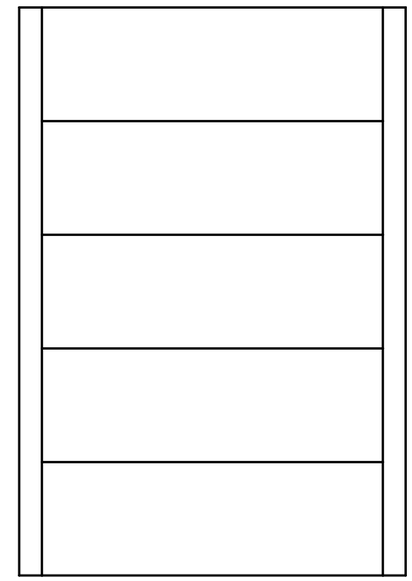
10.•Vendor Markings:
VENDOR MARKINGS ARE ALLOWED ON SECONDARY SIDE OF CARD FOR PRODUCTION TRACKING PURPOSES.

11.•Panelization: 1x5 as indicated to the right

12.•Rails:
RAILS WILL BE 20 mm AND THE LENGTH OF THE LONGEST SIDE.

13.•Fiducials:
AT LEAST THREE FIDUCIALS WILL BE ADDED BY THE PCB MFG TO BE LOCATED ON THE MFG RAILS.





5-UP Array, Standard Rails

File Name		Description
XP-BLY6	.CMP	Top Solder
XP-BLY6	.DMS	Board Dimensions/Measurements
XP-BLY6	.DRD	Drill File
XP-BLY6	.DRI	Drill File
XP-BLY6	.DRL	Drill File
XP-BLY6	.SOL	Bottom Solder
XP-BLY6	.PLC	Top Silkscreen
[redacted]		
XP-BLY6	.STC	Top Solder Mask
XP-BLY6	.STS	Bottom Soldermask
XP-BLY6	.PDF	Fab Drawing

Rev	Name	Date		Name	Date
A	BD	4/5/13	Orig	BD	4/5/13
			Chkd	BD	4/5/13

Legacy Circuit Enterprises, LLC
3360 S. Colt Dr.
Gilbert, AZ 85297

Document Title
XP-BLY6
6-Digit Display

Last Save 8/15/2013 06:42:22p

XP-BLY6 | Size C | Rev A