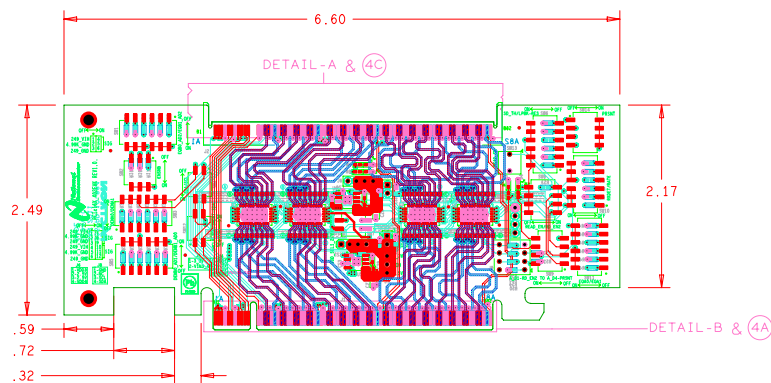
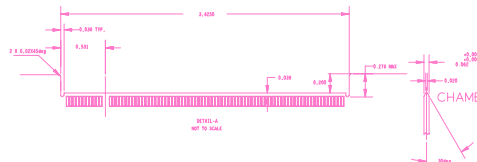
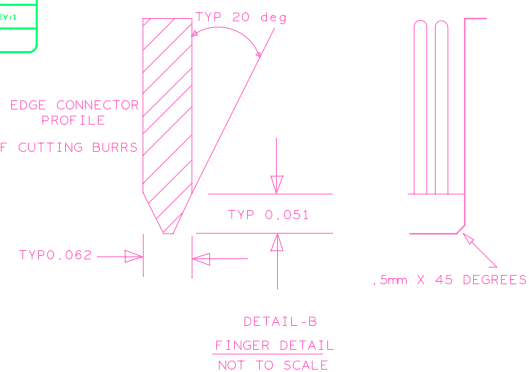


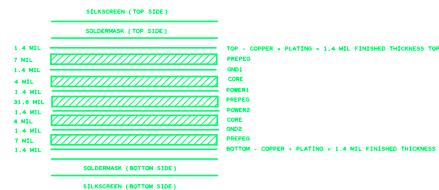
DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN INCHES				
FLOW	SIZE	TOLERANCE	PLATED	QTY
①	10.0	+3.0/-3.0	PLATED	454
②	10.0	+3.0/-3.0	PLATED	20
③	39.37	+3.0/-3.0	PLATED	2
④	39.37	+3.0/-3.0	PLATED	8
⑤	40.0	+3.0/-3.0	PLATED	19
⑥	125.0	+3.0/-3.0	PLATED	2



		
1149 Tamen Drive, Sunnyvale Ca 94089 408 747 1237 (phone) 408 747 1239 (fax)		
NAME: PCIe16X_402EVK BOARD		REV:1
DATE: JAN 2011	JOB 305-PD-10-884	REV:1
LAYER: BOEHAUSILK		




LAYER STACKUP-6 LAYERS



REVISIONS	DATE

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. BOARD THICKNESS: 62 MILS +/-0 TOL
2. MATERIAL:FR4
3. ALL COPPER LAYERS SHALL BE 1 OUNCE (1.4 MIL) FINISHED THICKNESS.
4. FINISH:
- (A) .HARD GOLD (25-40 MICRONS) OVER HARD NICKEL PLATING BOTH SIDES.
- (B) .REST OF THE CIRCUITRY WILL BE SOFT IMMERSION GOLD
- (C) .HARD GOLD (10-15 MICRONS) OVER HARD NICKEL PLATING BOTH SIDES.
5. SOLDERMASK : LPI GREEN (MAINTAIN THICKNESS 1 MIL ON BOTH SIDES).
6. SILK SCREENS BOTH SIDES SHALL BE WHITE.
7. BOARD TWIST AND WARP SHALL NOT EXCEED 4MILS/LINEAR INCH
8. EACH ASSEMBLED BOARD MUST BE PACKAGED IN A ESD BAG AND SEALED WITH AN ESD LABEL
9. FINISHED BOARD IS ROHS COMPLIANT AND LEAD FREE.
10. NO VENDOR LOGO OR NAME ON THE BOARD
11. DRILLING:
- 11.1 ALL HOLE DIAMETERS ARE FINISHED SIZES.
- 11.2 ALL HOLES TO BE +/- .003 FROM TRUE POSITION UNLESS OTHERWISE SPECIFIED.
12. TOOLING HOLE: SHALL BE DRILLED FIRST AND PLUGGED DURING PLATING.
13. REMOVE NON FUNCTIONAL PADS ON INNER LAYERS.
14. CLIP THE SILKSCREEN OVER SOLDERMASK.
15. BOARD DIMENSION ARE IN INCHES.
16. ANY CHANGES MADE TO THE FILM OR GERBERS MUST BE APPROVED BY PACTRON.
17. IMPEDANCE DETAILS:
- 11.5 MIL TRACES IN ALL LAYERS REQUIRE 50 OHM IMPEDANCE +/-5 %TOL
- 8 MIL TRACE WIDTH WITH 10 MIL AIRGAP IN TOP AND BOTTOM REQUIRES 100 OHM DIFFERENTIAL CONTROLLED IMPEDANCE +/-5 % TOL

			
1149 Tasman Drive, Sunnyvale Ca 94089, 408 747 1237 (phone) 408 747 1239 (fax)			
TITLE:		PCIe16X-402EVK	
DRAWN	DATED	305-PD-10-884	REV
	JAN 2011	FILM LAYERS ARE SHOWN AS VIEWED FROM THE TOP SIDE OF THE BOARD.	1
QC	DATED		
	JAN 2011	UNITS:	SIZE c