



DRILL CHART: TOP to BOTTOM				
ALL UNITS ARE IN MILS				
FEATURE	SIZE	TOLERANCE	PLATED	QTY
1	10.0	+3.0/-10.0	PLATED	170
2	14.57	+2.0/-2.0	PLATED	72
3	22.44	+2.0/-2.0	PLATED	12
4	40.0	+3.0/-3.0	PLATED	80
5	55.0	+3.0/-3.0	PLATED	4
6	88.41	+4.0/-4.0	PLATED	2
7	146.0	+3.0/-3.0	PLATED	4

- NOTES:
1. ALL LAYERS TO BE FR408 (Er =3.8) MATERIAL,ROHS COMPLAINT.
  2. ALL COPPER LAYERS SHALL BE 1 OUNCE (1.4 MIL) FINISHED THICKNESS.
  3. LAYER STACK-UP AS SHOWN.
  4. FINISH: SOFT IMMERSION GOLD.
  5. SOLDER MASK BOTH SIDES SHALL BE VENDOR'S STANDARD.
  6. SILK SCREENS BOTH SIDES SHALL BE WHITE.
  7. BOARD TWIST AND WARP SHALL NOT EXCEED 4MILS/INCH.
  8. EACH ASSEMBLED BOARD MUST BE PACKAGED IN A ESD BAG AND SEALED WITH AN ESD LABEL.
  9. BOARD THICKNESS : 62 MILS +/- 10%.
  - (THE BOARD THICKNESS TO BE AS CLOSE AS POSSIBLE TO 62 MIL)
  10. BOARD DIMENSIONS ARE IN INCHES[MM].
  11. NO VENDOR LOGO OR NAME ON THE BOARD.
  12. ANY CHANGES MADE BY THE PCB FABRICATOR TO THE FILM OR THE GERBR FILES MUST BE APPROVED BY PACTRON.
  13. REMOVE THE NON-FUNCTIONAL PADS IN ALL INNER LAYERS.
  14. THIS BOARD MUST BE ROHS COMPLAINT.
- IMPEDANCE DETAILS:
- 5 MIL TRACEWIDTH AND 6.5MIL AIRGAP TRACES REQUIRE 100 OHM +/-5% DIFFERENTIAL IMPEDANCE ON BOTH TOP AND BOTTOM LAYERS.
  - 7.5 MIL SINGLE-ENDED TRACES REQUIRE 50 OHM +/-10% IMPEDANCE ON TOP AND BOTTOM LAYER.
  - 7 MIL SINGLE-ENDED TRACES REQUIRE 50 OHM +/-10% IMPEDANCE ON INNER LAYER.

UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		PACTRON	
DIMENSIONS ARE IN INCHES		DRAWN		1548 Thomas Drive,			
TOLERANCES UNLESS NOTED:		CHECKED		Sunnyvale Ca 94089			
2 PL. DECIMALS +		ENGRG		408 747 1237 (phone)			
3 PL. DECIMALS +		ISSUED		408 747 1239 (fax)			
ANGLES +							
FRACTIONS +							