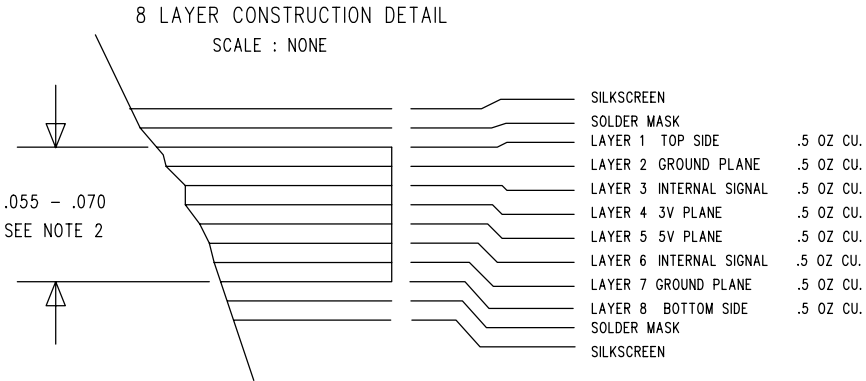



- UNLESS OTHERWISE SPECIFIED
1. BOARD TO BE FABRICATED PER IPC-6012A, CLASS 2.
 2. MATERIAL: POLYCLAD FR-370HR OR EQUIVALENT. OUTER LAYERS 1/2 OZ/SQFT CU INNER LAYERS 1/2 OZ/SQFT CU FINISHED .062 (.055 MIN .070 MAX SEE DETAIL). VENDOR MAY ADJUST THICKNESS TO FULFILL NOTE 9.
 3. PLATING: ADDITIONAL CU PLATING 1 OZ/SQFT ALL HOLES PLATED THROUGH, EXCEPT AS NOTED IN HOLE LEGEND. MINIMUM PTH BARREL THICKNESS = 0.0008" MINIMUM AVERAGE PER IPC-6012A WITH AMENDMENT 1, CLASS 2 REQUIREMENTS. WITH NO SINGLE MEASUREMENT LESS THAN 0.00071 IN THE PLATED HOLES.
 4. FINISH: SURFACES TO BE COATED BY ENIG OF 2 TO 10 MICROINCHES OVER A MINIMUM OF 60-200 MICROINCHES OF LOW STRESS NICKEL. NO ADDITIONAL ELECTROLYTIC HARD GOLD IS REQUIRED FOR CONTACTS.
 5. SOLDERMASK: SOLDER MASK TO BE TRANSPARENT GREEN LPI BOTH SIDES PER GERBER FILES.
 6. SILKSCREEN: WHITE EPOXY INK, APPLY TO BOTH SIDES PER GERBER FILES.
 7. ARTWORK: MINIMUM FEATURE SIZE = 0.00492 MINIMUM AIR GAP = 0.00475
 8. ALL DIMENSIONS ARE IN INCHES.
 9. CONTROLLED IMPEDANCE: BOARD TO BE BUILT TO YIELD CONTROLLED IMPEDANCE OF 60 OHMS +/- 10% ON ALL .00492" LINE WIDTHS
 10. DO NOT ADD NON-FUNCTIONAL COPPER THIEVING ON OPEN AREAS OF OUTER LAYERS. THIEVING IS ALLOWED ON INNER LAYERS, UNLESS OTHERWISE SPECIFIED.
 11. VIAS SHOULD BE COVERED ACCORDING TO ONE OF THE FOLLOWING METHODS. METHOD 1 IS PREFERRED.
METHOD 1: VIAS MUST BE FILLED WITH SOLDERMASK MATERIAL AFTER ELECTROLESS NICKEL/IMMERSION GOLD AND BEFORE PRIMARY LPI MASK. AFTER THE FILL IS CURED, THE PRIMARY MASK IS THEN APPLIED WITH NO VIA APERTURES BOTH SIDES.
METHOD 2: AFTER APPLICATION OF FULL BODY ELECTROLESS NICKEL/IMMERSION GOLD, APPLY PRIMARY MASK WITH REDUCED VIA APERTURES THAT ARE 6 MILS LARGER THAN DRILLED HOLE DIAMETER BOTH SIDES. THEN APPLY SOLDER MASK PLUG ON COMPONENT SIDE.
 12. VIA HOLES (.006, .010, .014) REQUIRE TANGENCY ONLY, INSTEAD OF ANNULAR RING.
 13. TEARDROP PADS ARE ACCEPTABLE WHERE NEEDED.
 14. BUILD AS 1-UP PCB.
 15. USE IPC-D-356A NETLIST AS SUPPLIED FOR CHECKING.
 16. V SCORE 2 LINES ON BOTH SIDES OF THE BOARD. SEE DETAIL.

SIZE	QTY	SYM	PLATED	TOL
6	114	+	YES	+0.000/-0.006
10	36	X	YES	+0.000/-0.010
14	794	□	YES	+0.000/-0.014
37	63	◇	YES	+/-0.003
41	20	⊠	YES	+/-0.003
51	10	⊠	YES	+/-0.003
59	5	+ ^A	YES	+/-0.005
70	5	+ ^B	YES	+/-0.003
85	6	+ ^C	YES	+/-0.003
125	11	+ ^D	YES	+/-0.005
53	6	+ ^E	NO	+0.003/-0.000
67	3	+ ^F	NO	+/-0.003
140	4	+ ^G	NO	+/-0.005
187	1	+ ^H	NO	+/-0.005
125	3	+ ^J	NO	+/-0.005



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE : .XX +/- .010 .XXX +/- .005	CONTRACT NO.		 <div>20 Cotton Road Nashua, New Hampshire 03063 (603) 883-2430 FAX (603) 882-2655</div>	
	APPROVALS	DATE		
MATERIAL SEE NOTES	DRAWN	06/25/07	FABRICATION DRAWING ADSP-21364 EZ-KIT LITE	
	CHECKED			
FINISH SEE NOTES	ENGINEERING		SIZE B	DWG. NO. A0190-2004-REF
	QUALITY			
DO NOT SCALE THIS DRAWING	MANUFACTURING		SCALE 1 : 1	SHEET 1 OF 1