

REVISION			
REV	DESCRIPTION	ECO	DATE
-	-	-	-

NOTES UNLESS OTHERWISE SPECIFIED:

- FABRICATE IAW IPC-6012, CLASS 2, CURRENT REVISION.
- BOARD SHALL MEET THE INSPECTION CRITERIA OF IPC-A-600 CLASS 2, CURRENT REVISION.
- USE ARTWORK 455562AW CURRENT REV LEVEL.

4 MATERIAL: FR4 .014 ±.002 MIL, SHALL COMPLY TO IPC-4101B/101 OR 121 MINIMUM.

5 FINISHED COPPER THICKNESS MINIMUM:  
SHALL BE 2.60 MILS.

6 FINISH: ELECTROLESS IMMERSION TIN PER IPC-4554, CATAGORY 3, COATING DURABILITY (1 MICRON DEPOSIT THICKNESS MIN. OR 0.6 MICRON USABLE TIN MIN.)  
NOTE: XRF DATA SHALL BE SUPPLIED WITH EVERY PRODUCTION LOT.

- APPLY SOLDERMASK TOP SIDE ONLY OVER BARE COPPER (SMOBC), SOLDER MASK SHALL COMPLY TO IPC-SM840, CLASS T.

9 ALL VIAS PLATED THROUGH.

10 SUPPLIER LOGO AND LOT NUMBER/DATE CODE SHALL ONLY BE SILKSCREENED WITH NON-CONDUCTIVE EPOXY INK IN APPROX. LOCATION SHOWN.

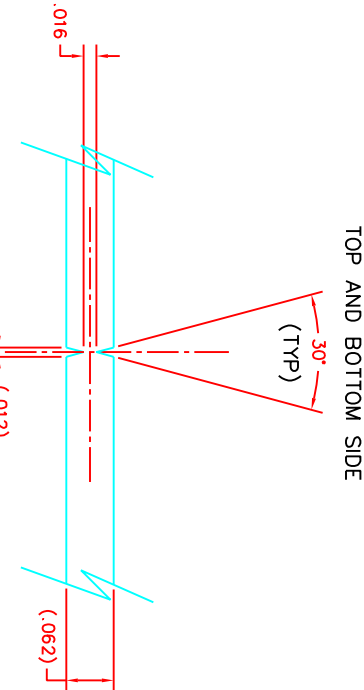
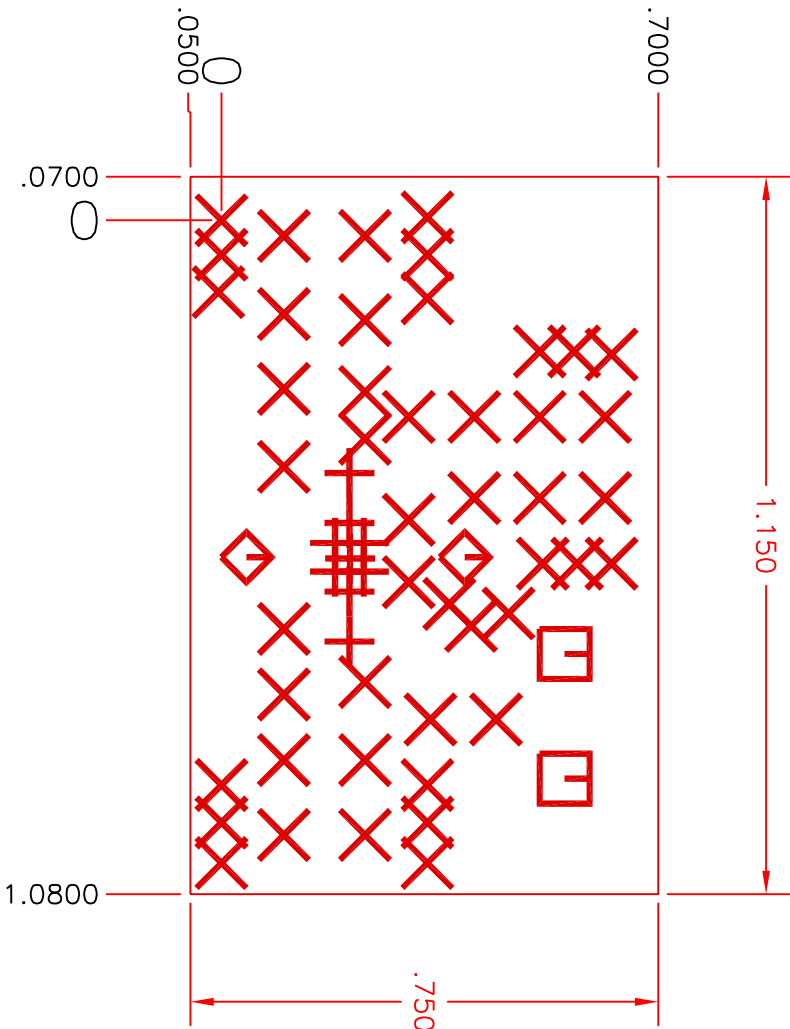
11 MARK ARTWORK 455562AW, CURRENT REV LEVEL APPROX. WHERE SHOWN.

12 V-GROOVE SCORING PROCESS TO FOLLOW DETAIL "A"  
(SEE SHEET 2). CIRCUIT FABRICATOR TO BREAK ONE SUB-PANEL FROM EACH LOT TO ENSURE PROPER SCORING ACHIEVED.

13 A MAXIMUM OF FIVE (5) X-OUT ARE ALLOWED PER SUB-PANEL.

- DESMEAR HOLES AND VIAS.

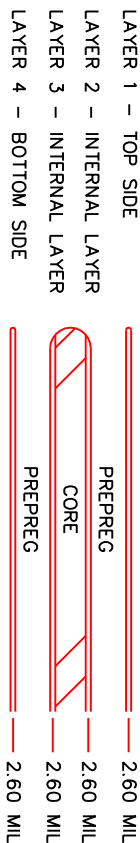
COMPONENT SIDE



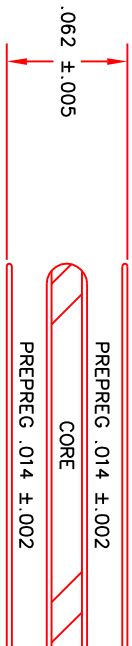
DETAIL A 12  
V-GROOVE SCORING

HOLE SCHEDULE (ALL PLATED THRU DIAMETERS ARE AFTER PLATING)			
SYM	DESCRIPTION	PLATED THRU	QTY
+	Ø.010 +.003/--.010 THRU	YES	9
X	Ø.025 ±.003 THRU	YES	47
□	Ø.055 ±.003 THRU	YES	2
◇	Ø.102 ±.003 THRU	YES	2

4 LAYER  
CROSS SECTION  
FILM SET



4 LAYER  
CROSS SECTION  
DIMENSIONAL TOLERANCE



		ITEM NO	PART OR IDENT NO	CAGE CODE	NOMENCLATURE OR DESCRIPTION	SPEC/STD	
QTY PER DASH NO							

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.

TOLERANCES ON FINISH: .03 IN/IN ANGLES ± 0° 30'

COMMUNICATIONS, INC.  
5401 JOSE CANYON RD.,  
SAN JOSE, CALIF. 95128

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.				TOLERANCES UNLESS OTHERWISE SPECIFIED			
XX DEC & .02				ANGLES ± 0° 30'			
XXX DEC & .005				V ± .2° 0'			

MATERIAL:		DATE		10-13-07		PRINTED CIRCUIT BOARD	
4		K. Kelsen		10-13-07		MIXER, MSOP-8	
DATE		ENG. M. Mckillop		10-13-07			
WFO							

FINAL PROTECTIVE FINISH:		DATE		10-13-07		SIZE	
6		CAGE CODE		455562PC		REV	
CAGE NO.		14482		SHEET 1 OF 2			