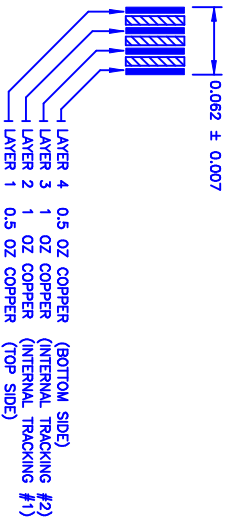


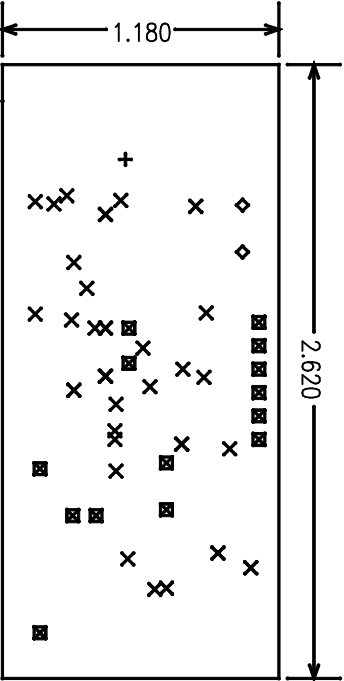
REVISIONS			
ZONE	REV	DESCRIPTION	DATE
			APPROVED
		ORIGINAL RELEASE	00-02-01
	01	PRODUCTION RELEASE	00-03-22

HOLE LEGEND			
SYM	DIAM	TOL	QTY
+	0.010	+/- .003	30 PLATED
x	0.022	+/- .003	1 PLATED
⊠	0.035	+/- .003	14 PLATED
◇	0.047	+/- .003	2 PLATED
TOTAL			47

PHOTO TOOL ARTWORK		REV
SOLDER PASTE TOP SIDE		1
SILKSCREEN TOP SIDE		1
SOLDER MASK TOP SIDE		1
TOP SIDE		1
INTERNAL TRACKING #1		1
INTERNAL TRACKING #2		1
BOTTOM SIDE		1
SILKSCREEN BOTTOM SIDE		1
SOLDER MASK BOTTOM SIDE		1
SOLDER PASTE BOTTOM SIDE		1
DRILL GRAPHICS		1
NC DRILL DATA		1



DETAIL A N.T.S.



- 1.8 CAUTION: TO PREVENT INK CONTAMINATION ON SOLDERABLE LAND, BOARD MANUFACTURER MUST CLEAR SILK SCREEN INFORMATION WITH SOLDER MASK PATTERN.
- 1.7 WARP AND TWIST SHALL BE .002 PER INCH MAXIMUM.
- 1.6 PATTERNS ARE VIEWED FROM TOP SIDE.
- 1.5 FOR PHOTO TOOL, (ARTWORK) NUMBER AND REVISION SEE TABLE.
- 1.4 SILKSCREEN COMPONENT DESIGNATIONS AND OUTLINES SHALL BE PER ARTWORK SUPPLIED ON TOP AND BOTTOM SIDES USING WHITE EPOXY INK HYSOL 50-100.
- 1.3 EXTERNAL LAYERS TO BE "GOLD FLASH" OR "GOLD PLATED" TO 5 MICRONS MIN.
- 1.2 FINISH - SOLDER MASK OVER BARE COPPER.
- APPLY SOLDER MASK TO TOP AND BOTTOM SIDES PER (IPC-SM-840 TYPE B2, CLASS 2. THE SOLDER MASK SHALL NOT TOUCH ANY PADS.
- 1.1 MATERIAL - NEMA FR4 C1/C1, CLASS 2, COLOUR NATURAL PER IPC-L-108 AND PREPREG BONDING PER IPC-L-109, CLASS 2.
- FOR BOARD THICKNESS SEE DETAIL A.
- BOARD ACCEPTABILITY PER IPC-A-600, CLASS II.

NOTES

THIRD ANGLE PROJECTION		INTERPRET DRAWING IN ACCORDANCE WITH STANDARDS PRESCRIBED BY DDD-D-1000		UNLESS OTHERWISE SPECIFIED: TOLERANCES ARE: .XXX ± 0.01 ANGLE ± 1/2°		TITLE	
REV				DATE		ELCOMBE SYSTEMS LIMITED MESSENGER SMOKE/UTX Detail Drawing	
REV				DATE			
SHEET				DATE			
REV STATUS		FINISH		SEE NOTE 1.2		SIZE	
						PROJ NO.	
						4614D-1	
						DWG NO	
						83-0615-01-D	
						REV	
						1	

8

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4

3

2

DO NOT SCALE

1

1