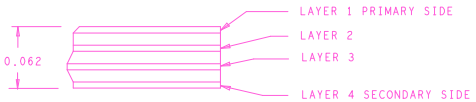
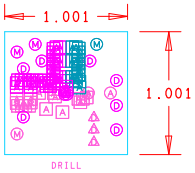
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	SIZE	PLATED	QTY
Ⓐ	10.0	PLATED	6
Ⓐ	12.0	PLATED	71
Ⓓ	40.0	PLATED	7
△	41.0	PLATED	3
Ⓜ	110.0	PLATED	4



NOTES:
1. THIS BOARD IS RoHS COMPLIANT.
2. PRINTED WIRING BOARD DESIGN AND ACCEPTANCE CRITERIA SHALL BE IAW WITH THE REQUIREMENTS OF IPC-D-275 AND IPC-A-600.
3. MATERIAL: FR4 (RoHS COMPLIANT), 2 OZ COPPER.
4. APPLY SOLDER MASK, BOTH SIDES OVER BARE COPPER IAW IPC-SM-840. CLASS 2 (LPI) (BLUE MASK). EXPOSED METAL TO BE ENIG PLATED.
5. ALL PATTERNS ARE VIEWED FROM THE PRIMARY SIDE LOOKING THROUGH THE BOARD.
6. UNLESS OTHERWISE SPECIFIED ALL HOLE DIAMETERS ARE AFTER PLATING.
7. APPLY SILKSCREEN USING WHITE NON-CONDUCTIVE EPOXY BASED INK.
8. PWB MUST BE 100% ELECTRICALLY TESTED FOR SHORTS AND CONTINUITY. USE NETLIST PROVIDED RTKA210040DE0000BU-A_IPC356.IPC IAW IPC-D-356.
9. MARK DATE CODE AND MANUFACTURES IDENIFICATION ON SOLDER SIDE PER IPC-6011 AND IPC-6012.
10. TOLERANCE ON ALL DRILL HOLES SHALL BE IAW IPC-D-2221 & 2222 UNLESS OTHERWISE SPECIFIED.
11. ANALOG GROUND AND 0 INTENTSIONALLY SHORTED ON TOP LAYER.
12. ALL 10 MIL VIA'S ARE TO BE NON-CONDUCTIVE EPOXY FILLED AND CAPPED.

PART TO BE FREE OF BURRS AND SHARP EDGES
COMMERCIAL TOLERANCES APPLY TO STOCK SIZE
MANUFACTURING TOLERANCES PER 900003
WORKMANSHIP PER 900065
SCREW THREADS PER ANSI Y14.6
ABBREVIATIONS PER MIL-STD-12
LOGIC SYMBOLS PER IEEE STD 91
DIMENSIONING AND TOLERANCING PER ANSI Y14.5
ELECTRICAL AND ELECTRONIC DIAGRAM PER ANSI Y14.15
GRAPHIC SYMBOLS FOR ELECTRICAL AND ELECTRONIC DIAGRAM PER IEEE STD 315
ELECTRICAL AND ELECTRONIC REFERENCE DESIGNATIONS PER IEEE STD 200
WELDING SYMBOLS PER ANSI/AWS A2.4
INTERPRET DRAWING IAW DOD-STD-100

UNLESS OTHERWISE SPECIFIED DIMENSION ARE IN INCHES AND INCLUDE APPLIED FINISH
TOLERANCES
2 PLACE DIM. ± .---
3 PLACE DIM. ANGLES ± .---

CONTRACT NO.	
DWN BY 07-27-20 Haiyu Zhang	CHK BY
ENGR Haiyu Zhang	ELEC ENGR
PROJ ENGR	MFG ENGR
RELIABILITY	CONFIGURATION
APPROVAL- DFTG	QA
APPROVAL	SYS ENGR

DASH NO | NEXT ASSY
APPLICATION

PRINTED WIRING BOARD, EVAL-
RTKA210040DE0000BU

SIZE	DWG NO.	REV
D	RAA210040/RTKA210040DE0000BU	A
SCALE 2/1		SHEET 1 OF 1