



BOARD CHARACTERISTICS

Copper Layer Count: 4 Board Thickness: 62.99 mils
Board overall dimensions: 3550.00 mils x 3982.00 mils
Min track/spacing: 8.00 mils / 8.00 mils Min hole diameter: 8.00 mils
Copper Finish: ENIG Impedance Control: No
Castellated pads: No Plated Board Edge: No
Edge card connectors: Yes, Bevelled

FAB NOTES:

1. IPC-6012E Class 2
 2. Matte Green soldermask, White silkscreen.
 3. Fabricate on SH260
 4. 1oz outer, 1oz inner copper.
 5. Bevel edge connector 30 degrees minimum.
 6. Board target thickness shall be 0.062"
 8. Immersion gold plating on finger thickness shall be 2U"

VENDOR ASSEMBLY NOTES

1. J-STD-001G Class 2
 2. BOM provided with submitted files shall be the controlling document for component information.
 3. Do not apply solder to pads of DNP components
 4. Assemble with leaded solder.

ASSEMBLY NOTES:

1. Stake components specified in BOM with 3M 2216
 2. Conformal Coat with Arathane 5750:
 - Ensure coating does not prevent electrical contact with connectors and mounting holes.



TECHNOLOGY DEVELOPMENT & ENGINEERING CENTER EAST
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TITLE		PWA, CUBESAT MAGNETORQER DRIVER		
SIZE	DWG NO.	RD21-6005	REV	A
B				
DRAWN BY	CH	ENGINEER	CH	2023-06-30
FILE NAME	magnetotorqer-drive-board.kicad_pcb	KiCad E.D.A.	klcad 7.0.5	SHEET 1 OF 1

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