



NOTES:

- 01 1. PRINTED CIRCUIT ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIALS: **BOM1218342revJ.**
2. WORKMANSHIP STANDARD PER: IPC-J-STD-001E, IPC-A-610E CLASS 2, SOLDERING AND ELECTRICAL COMNETIONS: IPC-S-815B, OR MORE CURRENT VERSIONS OF THESE STANDARDS.
- 01 3. APPLY LABEL/LABELS WITH THE FOLLOWING INFORMATION:
TENNANT PART NUMBER AND REVISION (EXAMPLE **1218342-01**)
(NUMBER AND REV MUST MATCH THIS DRAWING)
MANUFACTURER'S LABEL WITH SERIAL NUMBER
PLACE LABELS SO THEY ARE VISIBLE FROM THE TOP OF ASSEMBLY.
4. CONFORMAL COATING APPLIED TO TOP AND BOTTOM SIDES OF PCB.
TOPSIDE NOTES: NO COATING ON CONNECTOR MATING SURFACES.
NO COATING IN 12MM DIAMETER AROUND MOUNTING HOLES.
BOTTOM SIDE NOTES: NO COATING IN 12MM DIAMETER AROUND MOUNTING HOLES.
COATING MFR: HUMISEAL 1B73
5. EACH ASSEMBLY TO BE ICT AND FUNCTIONALLY TESTED.
6. MANUFACTURED PER ROHS/LEAD FREE STANDARDS.
7. DIMENSIONS ARE FOR REFERENCE ONLY.
8. APPLY NON-CORROSIVE PCB-SAFE RTV AROUND AND BETWEEN THE SIX LARGE CAPACITORS SHOWN, AND COMPONENTS: L1, L2, L3, C72, C173 AND C201.
- USE MOMENTIVE RTV108 OR EQUIVALENT.
- MINIMUM BEAD DIA - 3MM
9. PCB MANUFACTURING NOTES ARE FOUND ON THE DRILL DRAWING LAYER OF THE GERBERS.

REV-01 CHANGES:
1) BOM CHANGE. CHANGE U21, U35 AND U43 TO LM358D.
2) SOFTWARE CHANGE. ENHANCE VAC FAN MOTOR OPERATION.

ECO CONSULTATION

MATERIAL SPECIFICATIONS: NOTED		OTHER TREATMENTS AND FINISHES		PAINT - COLOR		MDR:		X.XX ±0.75 ±[.030]		TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.		DWG C SIZE		PART NUMBER 1218342			
PART NAME: CIRCUITBOARD, SIDE SWEEP [M17]				GLOSS		PERFORMANCE		ACCEPTANCE		DES:		X.XXX ±0.250 ±[.0098]		SHEET 1 OF 1			
												ANGLES ±2.0°					