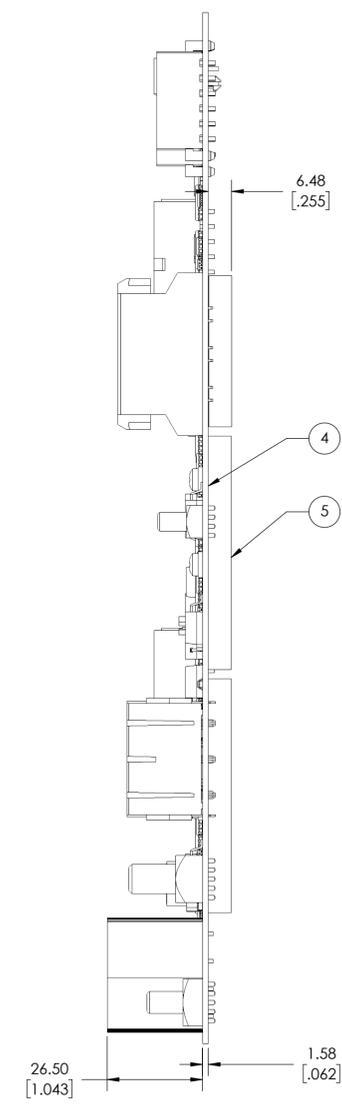
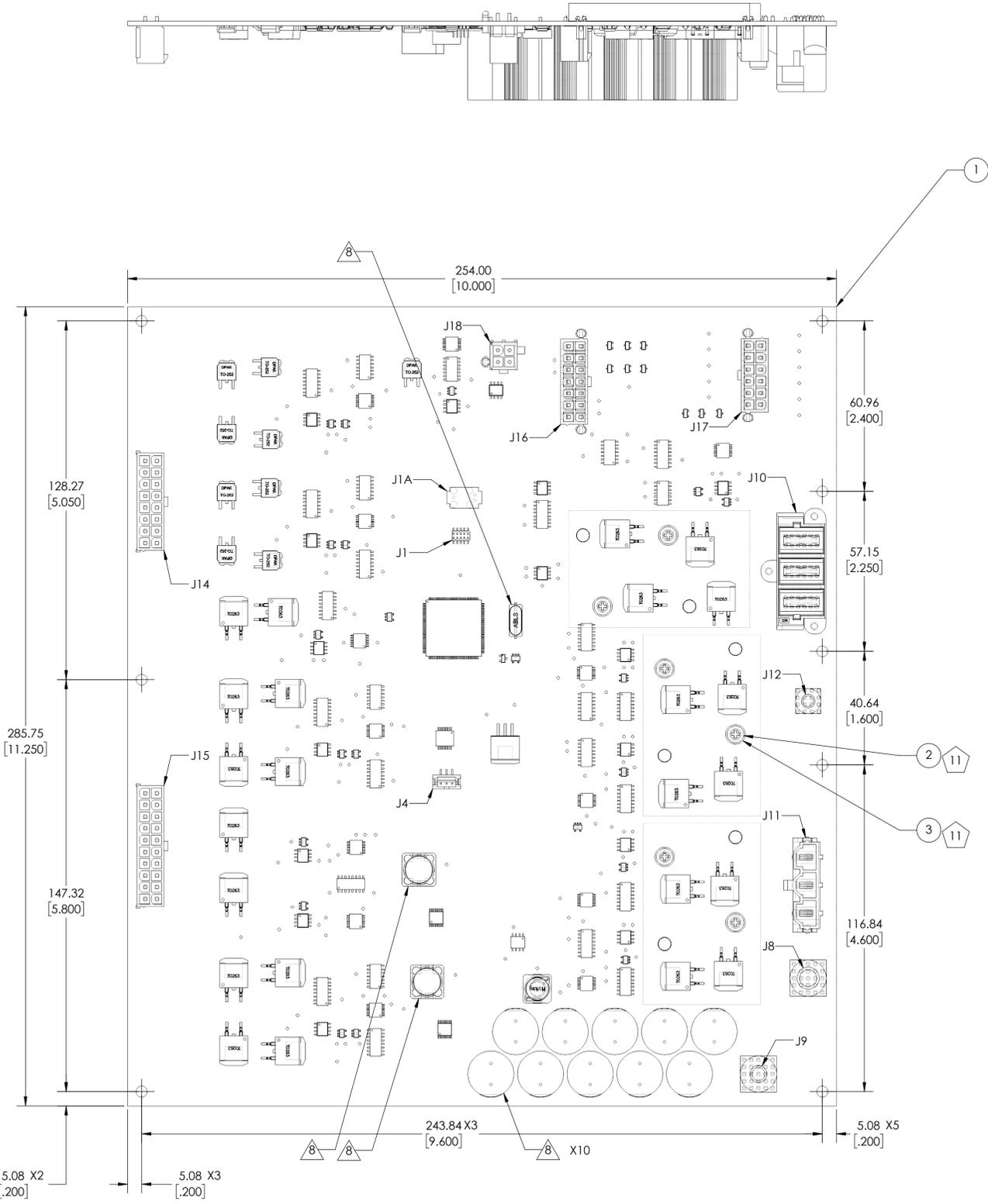
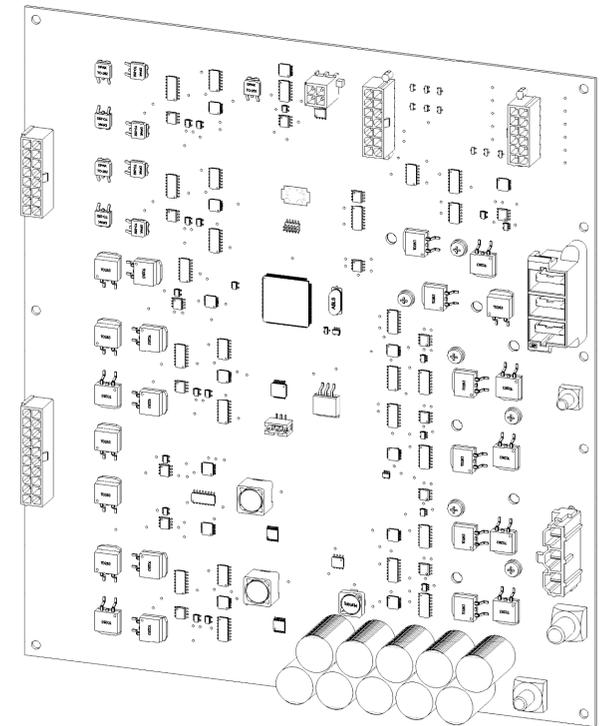


8 7 6 5 4 3 2 1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SEE NOTE #1	CIRCUITBOARD ASSEMBLY	1
2	SEE NOTE #11	SCREW, PAN, PHL, M3 X 0.50 X 8	6
3	SEE NOTE #11	WASHER, M3, FLAT, PHENOLIC	6
4	1222537-00	PAD, SIL, CIRCUITBOARD	3
5	1222536-01	HEATSINK, CIRCUITBOARD	3



- NOTES:
- PRINTED CIRCUIT ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIALS: **BOM1237558revF.xlsx**
 - WORKMANSHIP STANDARD PER: IPC-J-STD-001E, IPC-A-610E CLASS 2, SOLDERING AND ELECTRICAL CONNECTIONS: IPC-S-815B, OR MORE CURRENT VERSIONS OF THESE STANDARDS.
 - APPLY LABEL/LABELS WITH THE FOLLOWING INFORMATION:
 TENNANT PART NUMBER AND REVISION (EXAMPLE 1237558-02)
 (NUMBER AND REV MUST MATCH THIS DRAWING)
 MANUFACTURER'S LABEL WITH SERIAL NUMBER
 PLACE LABELS SO THEY ARE VISIBLE FROM THE TOP OF ASSEMBLY.
 - CONFORMAL COATING APPLIED TO TOP AND BOTTOM SIDES OF PCB.
 TOPSIDE NOTES: NO COATING ON CONNECTOR MATING SURFACES, ALSO INCLUDING J1A.
 NO COATING IN 12MM DIAMETER AROUND MOUNTING HOLES.
 BOTTOM SIDE NOTES: NO COATING IN DEFINED HEATSINK AREA, AND IN 12MM DIAMETER AROUND MOUNTING HOLES.
 COATING: **Q50000-001**
 - EACH ASSEMBLY TO BE ICT AND FUNCTIONALLY TESTED.
FCT_Jetmore_Sweep_Board_rev08.docx
 - MANUFACTURED PER ROHS/LEAD FREE STANDARDS.
 - DIMENSIONS ARE FOR REFERENCE ONLY.
 - APPLY NON-CORROSIVE PCB-SAFE RTV AROUND AND BETWEEN THE TEN LARGE CAPACITORS CB24-CB33 SHOWN, AND COMPONENTS L1, L2 AND X1.
 - USE MOMENTIVE RTV108 OR EQUIVALENT.
 - MINIMUM BEAD DIA - 3MM
 - HEATSINK MOUNTING AREA: THIS AREA ON BACK SIDE TO BE FREE OF SOLDER BUMPS. THE SOLDER PROCESS MUST PREVENT A BUILDUP OF SOLDER IN THIS AREA.
 - PCB MANUFACTURING NOTES ARE FOUND ON THE DRILL DRAWING LAYER OF THE GERBERS.
 - HEATSINK HARDWARE:
 (6) SCREW, PAN HEAD, 316 SS, DIN 7985, M3 X 0.5 X 8MM. MCMMASTER CARR #9200A118 OR EQUIVALENT.
 (6) WASHERS, M3, FLAT, PHENOLIC, GENERIC. TORQUE SCREWS TO 4-5 INCH-LBS.
 - U30 TO BE PROGRAMMED WITH FIRMWARE:
Q30117-004_Jetmore_MSweep_Production_Image_1_1_0_66.bin

REV 02 CHANGE NOTES:
 1. UPDATED FIRMWARE FOR FCT SUPPORT

MATERIAL SPECIFICATIONS: NOTED		OTHER TREATMENTS AND FINISHES NONE		PAINT - COLOR NONE		WELDING NOTATION IN ACCORDANCE WITH AWS A2.4-95		GENERAL NOTES PRIMARY DIMENSIONS ARE METRIC. REFERENCE DIMENSIONS WITH BRACKETS ARE INCH. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE AFTER TREATMENTS AND FINISHES.			
PART NAME: CIRCUITBOARD ASSY [SWEEP, JETMORE]		GLOSS		PERFORMANCE		ACCEPTANCE		PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.			
CHANGED BY: KEN BITTNER		DATE: 05/29/2024		REV: 03		ECO: 40470		UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCING IN ACCORDANCE WITH ASME Y14.5-2009 ALL UNTOLERANCED DIMENSIONS ARE CONTROLLED BY:		PART NUMBER 1237558	
INDR: STACY GAHLON		DATE: 08/11/2020		X.XX ±1.5 ±[.06]		X.XX ±0.75 ±[.030]		X.XXX ±0.250 ±[.0098]		SHEET 1 OF 1	
DES: CHARLES HAWKINS		DATE: 11/16/2017		ANGLES ±20°							