



- NOTES:
1. PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: **BOM1220931revM\_Production.xlsx**.
  2. 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.
  3. APPLY LABEL OR LABELS WITH THE FOLLOWING INFORMATION:
    - TENNANT PART NUMBER AND REVISION. EXAMPLE: **1220931-03**. NOTE: THIS NUMBER AND REVISION SHOULD MATCH THIS RELEASED TENNANT DRAWING.
    - MANUFACTURER'S LABEL WITH SERIAL NUMBER. NOTE: PLACE LABEL(S) SO THEY ARE VISIBLE FROM THE TOP OF THE ASSEMBLY.
  4. CONFORMAL COATING APPLIED TO TOP AND BOTTOM SIDES OF PCB. MANUFACTURER: PREFERRED: DYMAX 9481-E. ALTERNATE: HUMISEAL 1B73. NO COATING ON CONNECTORS OR CONNECTOR MATING SURFACES.
  5. EACH ASSY TO BE ICT AND FCT TESTED.
  6. ASSEMBLY TO BE MANUFACTURED PER RoHS/LEAD FREE STANDARDS.
  7. REFER TO PCB MANUFACTURING NOTES ON FABRICATION LAYER OF GERBERS.
  8. ALL DIMENSIONS ARE FOR REFERENCE ONLY.
  9. APPLY NON-CORROSIVE PCB SAFE RTV AROUND THE LARGE CAPACITOR SHOWN. MANUFACTURER: MOMENTIVE RTV108 OR EQUIVALENT. MINIMUM BEAD DIAMETER: 3mm.
  10. DIMENSIONS FOR REFERENCE ONLY.
  11. FIRMWARE FOR U8: Q30096\_001\_ABW\_PRODUCTION\_IMAGE\_1\_01.BIN .

REV-03 CHANGES:  
1)FIXED QPL NUMBER ERROR IN BOM, CHANGE TO REV M BOM

ECO CONSULTATION

MATERIAL SPECIFICATIONS: NOTED		OTHER TREATMENTS AND FINISHES NOTED		PAINT - COLOR NONE		MDR:		X.XX ±0.25 ±[.010]		TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.		DWG C SIZE	PART NUMBER  1220931		
PART NAME: CIRCUITBOARD ASSY [ABW MODULE]						GLOSS	PERFORMANCE	ACCEPTANCE	DES: WILL ZANTO		05/20/2015			X.XXX ±0.125 ±[.0049]	
														ANGLES ±0.5°	
														SHEET 1 OF 1	