







03)

PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: BOM1220931revM Production.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 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.

WELDING NOTATION IN ACCORDANCE WITH AWS A2.4-98

MANUFACTURER'S LABEL WITH SERIAL NUMBER.

NOTE: PLACE LABEL(S) SO THEY ARE VISIBLE FROM THE TOP OF THE ASSEMBLY. 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.

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 RTV 108 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

							REV	ECO	UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCING IN			DIMENSIONS ARE METRIC, REFERENCE DIMENSIONS WITH BRACKETS ARE INCH. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE	
							03		ACCORDANCE WITH ASME Y14.5-2009 ALL UNTOLERANCED DIMENSIONS ARE			AFTER TREATMENTS AND FINISHES.	
ECO CONSULTATION						CHANGED BY:		DATE:	CONTROLLE			PROPRIETARY INFORMATION	
						KEN BITTNER		03/27/2024	X.X	±0.8	±0.8 ±[.03]	MAY NOT BE REPRODUCED OR DISCLOSED	
	Will Control to the c	OTHER TREATMENTS AND FINISHES	PAINT - COLOR	l		MDR:			X.XX	+0.25	±[.010]	TO OTHERS WITHOUT WRITTEN PERMISSION	
	NOTED	NOTED	NONE					-	X.XXX		±[.0049]	OF TENNANT COMPANY.	
	RT NAME:		GLOSS	PERFORMANCE	ACCEPTANCE	DES:					_[.00+3]	1 - 1	
	CIRCUITBOARD ASSY [ABW MODULE]					WILL ZANTO		05/20/2015	ANGLES ±0.5°			SHEET 1 OF 1   (+) ++	

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DWG PART NUMBER

**GENERAL NOTES** PRIMARY DIMENSIONS ARE METRIC, REFERENCE

1220931 SIZE