



NOTES:

- ① PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: **BOM1219795rvJ**.
- 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: **1219795-06**.
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 NO CONFORMAL COATING. THIS APPLICATION IS LVLE FOR UL.
- ⑤ EACH ASSY TO BE ICT AND FCT TESTED. FCT PER SPEC "FCT
REV07_RHINE_BOARD_1219795
- 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 U18 TO BE PROGRAMMED WITH FIRMWARE:
Q30068-003 = (RHINE_BASE_UI_PRODUCTION_IMAGE_1_14.BIN)

REV-06 CHANGES:

- 1) NEW BARE PCB. RESOLVES GROUNDING ISSUES.
- 2) NEW QPL BILL OF MATERIAL REVISION.
- 3) NEW REVISION LABEL.

ECO CONSULTATION

MATERIAL SPECIFICATIONS:		OTHER TREATMENTS AND FINISHES		PAINT - COLOR	
PART NAME:	CIRCUITBOARD ASSY [UI MODULE]		GLOSS	PERFORMANCE	ACCEPTANCE

REV	ECO
06	
CHANGED BY: RYAN WALDMANN	
DATE: 06/18/2019	
MDR: 12/09/2014	
DES: JOHN HAEG	
09/13/2013	

WELDING NOTATION IN ACCORDANCE WITH AWS A2.4-98		
UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009 ALL UNTOLERANCED DIMENSIONS ARE BASIC AND CONTROLLED BY:		
X.X	±0.8	±[.03]
X.XX	±0.25	±[.010]
X.XXX	±0.125	±[.0049]
ANGLES	±0.5°	

GENERAL NOTES	
PRIMARY DIMENSIONS ARE METRIC, REFERENCE DIMENSIONS WITH BRACKETS ARE INCH. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE AFTER TREATMENTS AND FINISHES.	
PROPRIETARY INFORMATION	
MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.	
SHEET 1 OF 1	

TENNANT	
DWG C SIZE	PART NUMBER 1219795