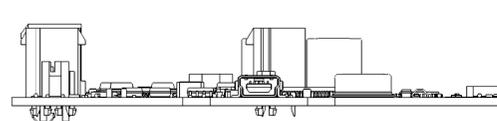


- NOTES:
- 01 1) PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: **BOM1261320revD**
 - 2) WORKMANSHIP STANDARD PER: IPC-J-STD-001E, IPC-A-610E, CLASS 2
SOLDERING AND ELECTRICAL CONNECTIONS : IPC-S-815B
OR MORE CURRENT VERSIONS OF THESE STANDARDS
 - 01 3) APPLY LABEL OR LABELS WITH THE FOLLOWING INFORMATION:
HUMAN READABLE TENNANT PART NUMBER AND REVISION
NOTE: THIS NUMBER AND REVISION SHOULD MATCH THIS RELEASED TENNANT DRAWING
HUMAN READABLE MANUFACTURER'S LABEL WITH SERIAL NUMBER
BARCODE CONTAINING SERIAL NUMBER
NOTE: LINEAR OR 2D BARCODE ACCEPTABLE
NOTE: 2D MATRIX DIMENSIONS TO BE NO SMALLER THAN 4MM BY 4MM
PLACE LABELS SO THEY ARE VISIBLE FROM THE TOP OF THE ASSEMBLY
 - 01 4) CONFORMAL COATING TO BE APPLIED TO TOP AND BOTTOM OF THE PCB
- ALL MOUNTING HOLES TO BE MASKED OFF AT A MIN DIAMETER OF 9MM
- NO COATING TO BE APPLIED TO CONNECTORS J3, J4, J5, J6, J7, J8, J9, J10, J12, J14, J18
- COATING TO FOLLOW QPL Q50000-001
 - 01 5) EACH ASSEMBLY TO BE ICT AND FUNCTIONALLY TESTED. FUNCTIONAL TEST PER SPEC: **FCT_RTOS UI_rev14**
 - 6) ASSEMBLY TO BE MANUFACTURED PER RoHS/LEAD FREE STANDARDS
 - 7) REFER TO PCB MANUFACTURING NOTES ON FABRICATION LAYER OF GERBERS
 - 01 8) U22 TO BE PROGRAMMED WITH FIRMWARE FILE: **Q30119-009_T350_RT10xx_Production_Image_1.2.4.241.bin**
 - 9. APPLY NON-CORROSIVE PCB-SAFE RTV AROUND C1. MOMENTIVE RTV108 OR EQUIVALENT.
MINIMUM BEAD DIAMETER 3MM.
 - 10) ALL DIMENSIONS ARE FOR REFERENCE ONLY
 - 01 11) FUNCTIONAL CIRCUIT TEST
HARDWARE REVISION (FOR REFERENCE ONLY)
- DECIMAL: 3
- BINARY: 0011



REV-01 CHANGES:
 1) CHANGE BOM TO BOM1261320revD
 2) UPDATE LABEL REQUIREMENTS IN NOTE 3
 3) CHANGE NOTE 4 TO INCLUDE CONFORMAL COATING
 4) NEW SOFTWARE REVISION DEFINED IN NOTE 8
 5) UPDATE HARDWARE REVISION
 6) UPDATE FCT REV TO 14

ECO CONSULTATION

MATERIAL SPECIFICATIONS: SEE PARTS LIST	OTHER TREATMENTS AND FINISHES: NOTED	PAINT - COLOR: NONE	GLOSS	PERFORMANCE	ACCEPTANCE
PART NAME: CIRCUITBOARD [UI, RTOS]					

CHANGED BY: BRETT PAULSEN	DATE: 04/11/2023
DR: STACY GAHLON	DATE: 09/07/2022
DES: BRETT PAULSEN	DATE: 02/22/2022

WELDING NOTATION IN ACCORDANCE WITH AWS A2.4:05	GENERAL NOTES PRIMARY DIMENSIONS ARE METRIC. REFERENCE DIMENSIONS WITH BRACKETS ARE INCH. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE AFTER TREATMENTS AND FINISHES.
UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCING IN ACCORDANCE WITH ASME Y14.5-2009 ALL UNTOLERANCED DIMENSIONS ARE CONTROLLED BY:	PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.
REV 01	ECO
X.X ±0.8 ±[.03]	
X.XX ±0.25 ±[.010]	
X.XXX ±0.125 ±[.0049]	
ANGLES ±05°	

TENNANT

DWG D SIZE 1261320

PART NUMBER 1261320

SHEET 1 OF 1