



REV.	DESCRIPTION	DATE
H	UPDATE BOM TO REV F UPDATE HARDWARE REVISION IN NOTE 5 UPDATE NOTE 10	11/16/2023

- NOTES:
- 1) PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: BOM1256673revF
 - 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:
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
 - 4) NO CONFORMAL COATING. THIS APPLICATION IS LVLE FOR UL
 - 5) EACH ASSEMBLY TO BE ICT AND FUNCTIONALLY TESTED
FUNCTIONAL TEST PER SPEC: FCT_AM4_INDUSTRIAL_LINUX_UI_rev1.PDF
HARDWARE REVISION (FOR REFERENCE ONLY)
-DECIMAL: 3
-BINARY: 011
 - 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) U1001 TO BE SET TO SINGLE-LEVEL-CELL MODE AND PROGRAMMED WITH FIRMWARE Q30124-001
U500 TO BE PROGRAMMED WITH FIRMWARE Q30125-001
 10. APPLY NON-CORROSIVE PCB-SAFE RTV AROUND C301, C367, L300, AND BT500. RTV TO FOLLOW QPL Q50001-001, MINIMUM BEAD DIAMETER 3MM

DEVELOPMENT PART

MATERIAL SPECIFICATIONS: NOTED		OTHER TREATMENTS AND FINISHES NOTED		PAINT - COLOR NONE		MDR:		X.XX ±0.75 ±[.030]		TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.		DWG B SIZE		PART NUMBER 1256673	
PART NAME: CIRCUITBOARD, UI, LINUX, INDUSTRIAL		GLOSS		PERFORMANCE		ACCEPTANCE		X.XXX ±0.250 ±[.0098]							
								DES: BRETT PAULSEN							