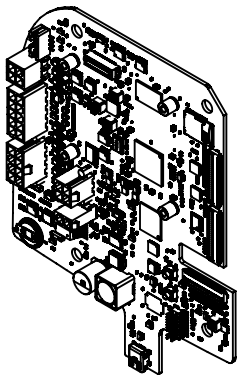
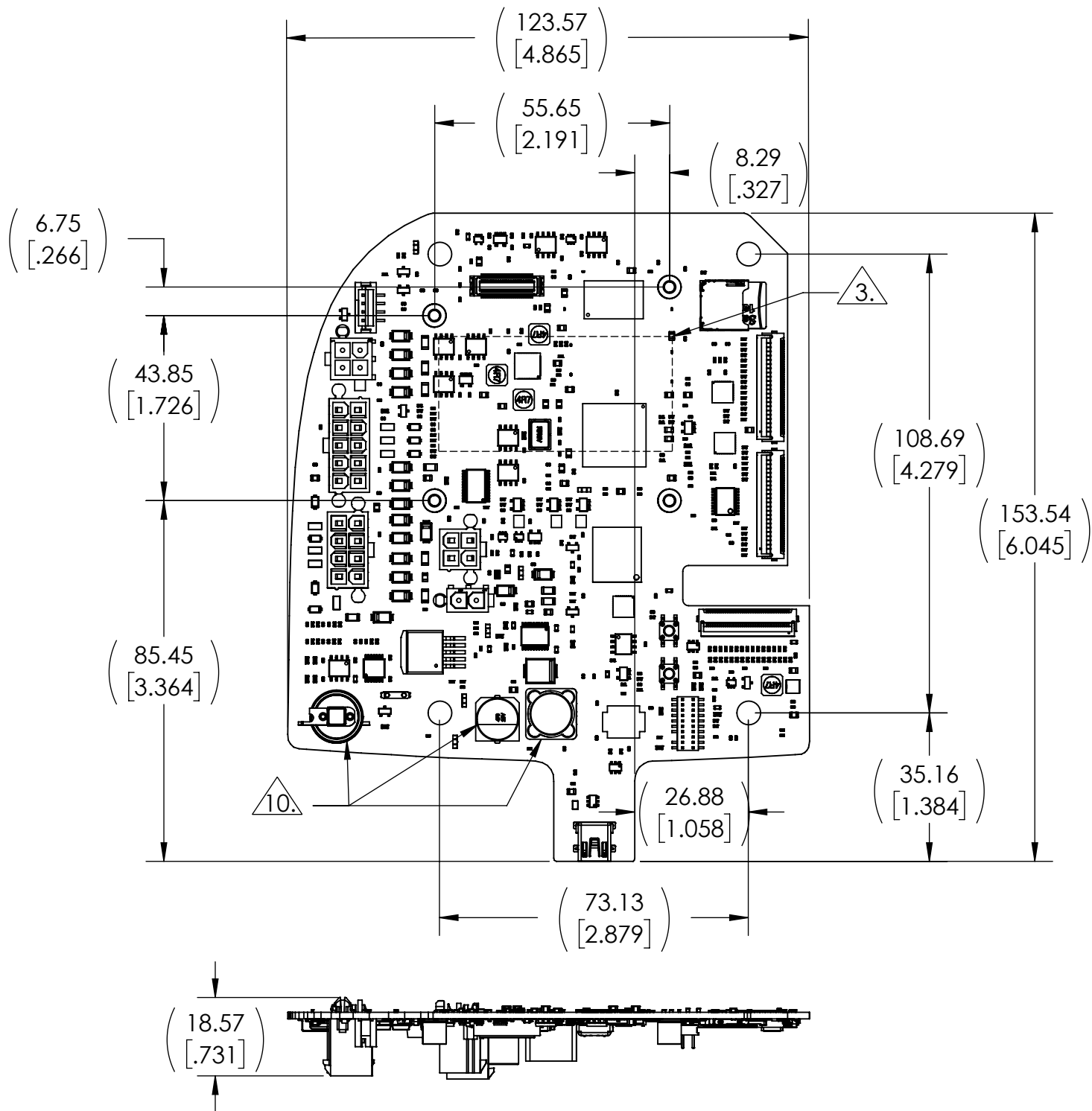


REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL REV	03/24/2022	



- NOTES:
- 1) PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: BOM1261318revB
 - 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.
(ALPHA REVISION = PROTOTYPE)
NOTE: THIS NUMBER AND REVISION SHOULD MATCH THIS RELEASED TENNANT DRAWING
 - MANUFACTURER'S LABEL WITH SERIAL NUMBER
NOTE: PLACE LABEL(S) ON SIDE 1 IN THE AREA INDICATED
 - 4) NO CONFORMAL COATING. THIS APPLICATION IS LVLE FOR UL
 - 5) EACH ASSEMBLY TO BE ICT AND FUNCTIONALLY TESTED
FUNCTIONAL TEST PER SPEC: FCT_AM3_LINUX_UI_rev14
HARDWARE REVISION (FOR REFERENCE ONLY)
 - DECIMAL: 3.0
 - BINARY: 0011
 - 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) U20 TO BE SET TO SINGLE-LEVEL-CELL MODE AND PROGRAMMED WITH FIRMWARE Q30109-006_am3-commercial_1_2_1_230.img.gz
U28 TO BE PROGRAMMED WITH FIRMWARE Q30120-002_am3-bootloader.img
10. APPLY NON-CORROSIVE PCB-SAFE RTV AROUND C193, L5, AND B1. MOMENTIVE RTV108 OR EQUIVALENT, MINIMUM BEAD DIAMETER 3MM

DEVELOPMENT PART

MATERIAL SPECIFICATIONS:
NOTED

OTHER TREATMENTS AND FINISHES
NOTED

PAINT - COLOR
NONE

PART NAME:
CIRCUITBOARD [UI, LINUX]

GLOSS PERFORMANCE ACCEPTANCE

CHANGED BY:
BRETT PAULSEN

DATE:
12/15/2021

MDR:
STACY GAHLON

08/06/2020

DES:
BRETT PAULSEN

06/23/2021

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°	

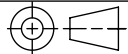
GENERAL NOTES

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



DWG
B
SIZE

PART NUMBER

1261318