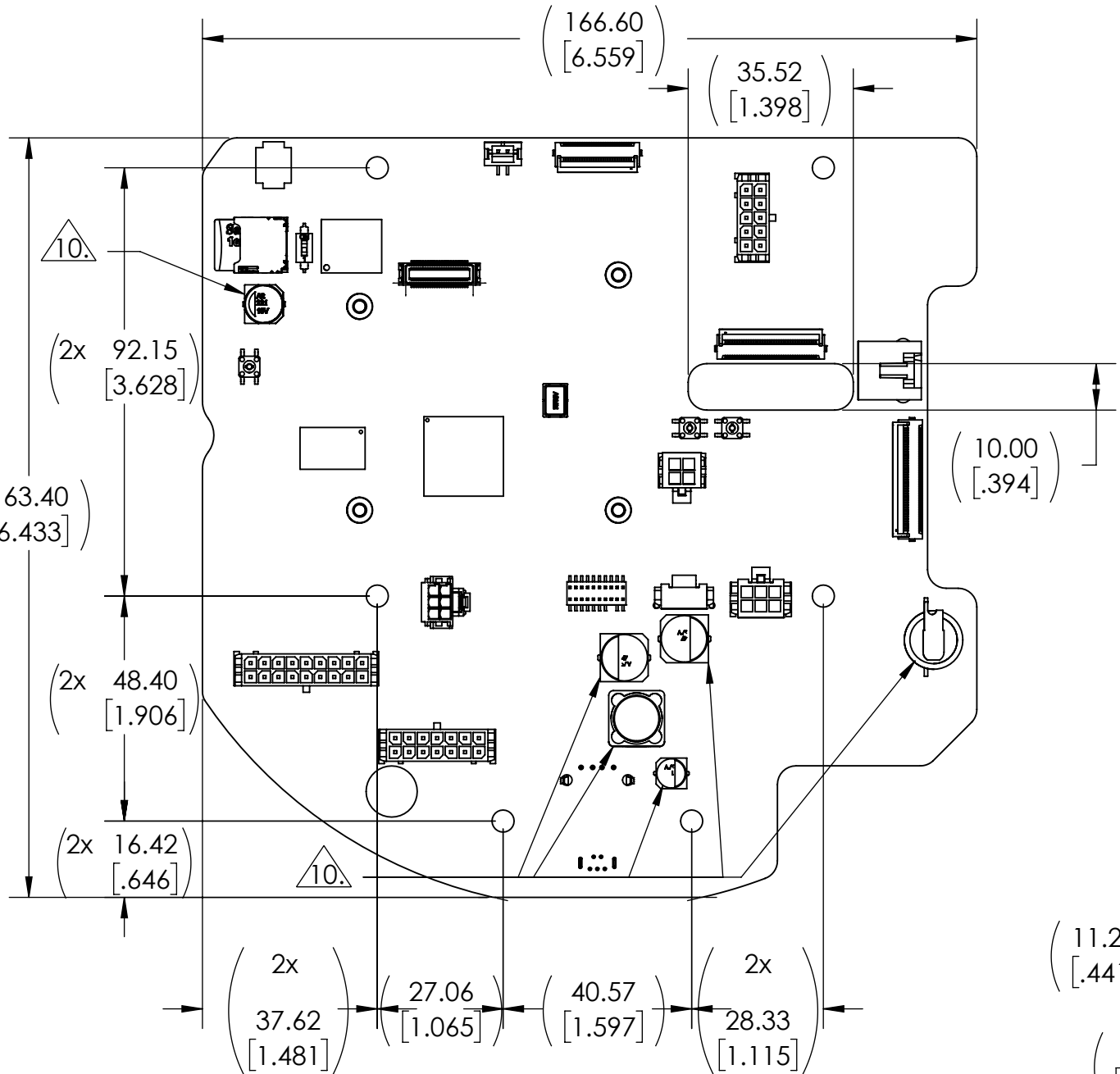


02 REV 02 CHANGES:  
-UPDATE NOTE 1 WITH NEW QPL BOM REV H  
-UPDATE NOTE 9 WITH NEW FIRMWARE Q30124-005  
AND Q30125-002



- NOTES:
- 02 1) PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: BOM1256673revH  
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  
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\_INDUSTRIAL\_LINUX\_UI\_revF.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  
02 9) U1001 TO BE SET TO SINGLE-LEVEL-CELL MODE AND PROGRAMMED WITH FIRMWARE Q30124-005\_Hercules\_Industrial\_Application\_1.11.0.62.img  
U500 TO BE PROGRAMMED WITH FIRMWARE Q30125-002\_Hercules\_Industrial\_bootloader\_1.11.0.49.img  
10. APPLY NON-CORROSIVE PCB-SAFE RTV AROUND C301, C316, C367, C401, L300, AND BT500.  
RTV TO FOLLOW QPL Q50001-001, MINIMUM BEAD DIAMETER 3MM  
11) AFFECTS UL LISTINGS, DO NOT SUBSTITUTE  
12) CERTIFICATE OF COMPLIANCE TO BE INCLUDED WITH EACH SHIPMENT PER TENNANT DOCUMENT 1270103

## ECO CONSULTATION

MATERIAL SPECIFICATIONS:  
NOTED

OTHER TREATMENTS AND FINISHES  
NOTED

PAINT - COLOR  
NONE

GLOSS PERFORMANCE ACCEPTANCE

PART NAME:  
CIRCUITBOARD [UI, LINUX, AM4 DUAL CAN]

CHANGED BY:  
BRETT PAULSEN  
DATE:  
01/14/2025  
MDR:  
STACY GAHLON  
02/16/2024  
DES:  
BRETT PAULSEN  
04/20/2021

REV	ECO
02	

WELDING NOTATION IN ACCORDANCE  
WITH AWS A2.4-98

UNLESS OTHERWISE SPECIFIED  
DIMENSION TOLERANCING IN  
ACCORDANCE WITH ASME Y14.5-2009  
ALL UNTOLERANCED DIMENSIONS ARE  
CONTROLLED BY:

X.X	±--	±[--]
X.XX	±--	±[--]
X.XXX	±--	±[--]
ANGLES	±--°	

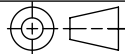
### GENERAL NOTES

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

1256673