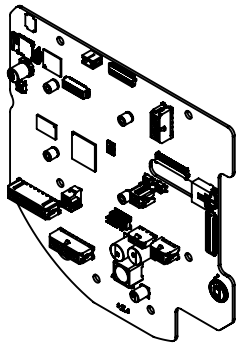


REV 01 CHANGES  
-UPDATE NOTE 5 TO CALL OUT FCT REV F  
-UPDATE NOTE 1 TO REFERENCE REV G BOM  
-CHANGE D800 TO Q14001-007  
-UPDATE NOTE 9 WITH NEW FIRMWARE Q30124-004  
-ADD NOTES 11 AND 12



- NOTES:
- 1) PCB ASSEMBLY TO BE BUILT USING TENNANT QPL BILL OF MATERIAL: BOM1256673revG
  - 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\_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
  - 9) U1001 TO BE SET TO SINGLE-LEVEL-CELL MODE AND PROGRAMMED WITH FIRMWARE Q30124-004\_Hercules\_Industrial\_Application\_1.11.0.57.img  
U500 TO BE PROGRAMMED WITH FIRMWARE Q30125-001\_Hercules\_Industrial\_bootloader\_1.11.0.1.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

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

GLOSS PERFORMANCE ACCEPTANCE

CHANGED BY:  
BRETT PAULSEN

DATE:  
04/25/2024

MDR:  
STACY GAHLON

DATE:  
02/16/2024

DES:  
BRETT PAULSEN

DATE:  
04/20/2021

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	±--°	

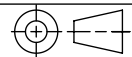
### GENERAL NOTES

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