



- NOTES:
- 1) PCB ASSEMBLY TO BE BUILT USING QPL BILL OF MATERIAL:
BOM1217764revL.
 - 2) WORKMANSHIP STANDARD PER: IPC-J-STD-001E, IPC-A-610E.
SOLDERING AND ELECTRICAL CONNECTIONS : IPC-S-815B.
OR MORE CURRENT REVISIONS OF THESE STANDARDS.
 - 3) APPLY LABEL OR LABELS WITH THE FOLLOWING INFORMATION:
- TENNANT PART NUMBER AND REVISION. EXAMPLE: **1217764-05**.
NOTE: THIS NUMBER AND REVISION SHOULD MATCH THE RELEASED TENNANT DRAWING.
- MANUFACTURER'S LABEL WITH SERIAL NUMBER.
 - 4) THIS ASSEMBLY WILL NOT BE CONFORMAL COATED.
 - 5) EACH ASSEMBLY TO BE FUNCTIONALLY AND ICT TESTED.
 - 6) APPLY NON-CORROSIVE PCB SAFE RTV AROUND THE FOLLOWING COMPONENTS FOR VIBRATION PROTECTION: C74, C39, L5, J2 AND J9.
- USE MOMENTIVE RTV 108 OR EQUIVALENT.
- MINIMUM BEAD DIAMETER 3MM.
 - 7) ASSEMBLY TO BE MANUFACTURED PER RoHS/LEAD FREE STANDARDS.
 - 8) PCB MANUFACTURING NOTES ARE FOUND ON THE DRILL DRAWING LAYER OF THE GERBERS.
 - 9) DIMENSIONS FOR REFERENCE ONLY.
 - 10) NICOMATIC 4 POSITION FLEX RIBBON CABLE ASSEMBLY (Q15028-022: REFER TO QPL BILL OF MATERIAL) TO BE CONNECTED TO THE DEFINED RIBBON HEADER.
NOTE: RIBBON CABLE ASSEMBLY NOT SHOWN.
 - 11) SD CARD TO BE PROGRAMMD WITHFIRMWARE FILE: Q30070-002
 - 12) SD SOFTWARE FILE: SD_CARD_1_01.7Z

REV-05 CHANGES:
1) QPL BOM CHANGED FOR SD-CARD

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| MATERIAL SPECIFICATIONS: NOTED | OTHER TREATMENTS AND FINISHES NONE |
| PART NAME: CIRCUITBOARD ASSY [M17, UI, TOUCHSCREEN] | |

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| PAINT - COLOR NONE | GLOSS | PERFORMANCE | ACCEPTANCE |
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| CHANGED BY: ANDREA STRUSS | DATE: 08/19/2020 |
| MDR: | |
| DES: CHARLES HAWKINS | 09/01/2015 |

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| 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: |
| REV 05 | ECO 34066 |
| | X.X ±1.5 ±[.06] |
| | X.XX ±0.75 ±[.030] |
| | X.XXX ±0.250 ±[.0098] |
| | ANGLES ±2.0° |

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| 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 | |

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| DWG C SIZE | PART NUMBER 1217764 |
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