



- NOTES:
- 02 1) ASSEMBLY TO BE BUILT USING QPL BILL OF MATERIAL: **BOM1254214revE**
- 2) WORKMANSHIP STANDARD PER IPC-J-STD-001E, IPC-A-610, CLASS 2, OR NEWER SOLDERING AND ELECTRICAL CONNECTIONS PER: IPC-S-815B OR NEWER
- 3) APPLY ONE OR MORE LABELS WITH THE FOLLOWING INFORMATION:  
- TENNANT PART NUMBER AND REVISION  
P/N AND REVISION SHALL MATCH THE RELEASED TENNANT DRAWING  
- MANUFACTURER'S LABEL WITH SERIAL NUMBER
- 02 4) FUNCTIONAL TEST: FCT rev 09p4 Drago Main Control board.docx
- 5) MICRO AND CONNECTOR INTERFACE COMPONENTS TABLE FOR REFERENCE ONLY

Ref. Des.	MFR	MFR P/N	DESCRIPTION	TENNANT QPL#
U3	TI	TM4C123GH6PGEI	MICRO A	Q19064-005
U7	TI	TM4C123GH6PGEI	MICRO B	Q19064-005
P1	TE/AMP	1-776231-2	CONN 35POS VERT AMPSEAL, WHITE	Q15012-010
P2	TE/AMP	1-776231-1	CONN 35POS VERT AMPSEAL, BLACK	Q15012-011
P3	TE	1-776275-1	CONN 8POS VERT AMPSEAL, BLACK	Q15012-009

- 6) ASSEMBLY TO BE MANUFACTURED PER RoHS/LEAD FREE STANDARDS
- 7) CONFORMAL COATING TO BE APPLIED TO TOP AND BOTTOM OF THE PCB  
- ALL MOUNTING HOLES TO BE MASKED OFF  
- NO COATING TO BE APPLIED TO CONNECTORS P1, P2, P3, J1, J2, J3, J4 AND J5  
- COATING TO FOLLOW QPL Q50000-001
- 8) DRAWING DIMENSIONS ARE FOR REFERENCE ONLY  
REFER TO GERBER FILES FOR EXACT PCB DIMENSIONS
- 9) MICRO A (U3) FIRMWARE FILE: Q30122-003\_Drago\_Stratus\_MicroA\_Production\_Image.bin  
MICRO B (U7) FIRMWARE FILE: Q30123-003\_Drago\_Stratus\_MicroB\_Production\_Image.bin

## ECO CONSULTATION

MATERIAL SPECIFICATIONS: NOTED	OTHER TREATMENTS AND FINISHES NONE	PAINT - COLOR NONE	GLOSS	PERFORMANCE	ACCEPTANCE
PART NAME: CIRCUITBOARD ASSY [M20/T20/M30]					

CHANGED BY: ROB HAMMANN	DATE: 06/19/2023
MDR: STACY GAHLON	04/19/2021
DES: CHARLES HAWKINS	07/20/2020

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	±1.5 ±[.06]
X.XX	±0.75 ±[.030]
X.XXX	±0.250 ±[.0098]
ANGLES	±2.0°

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 C SIZE	PART NUMBER 1254214
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