



- NOTES:
- 1) ASSEMBLY TO BE BUILT USING QPL BILL OF MATERIAL: **BOM1222812RevQ**.
 - 2) WORKMANSHIP STANDARD PER: IPC-J-STD-001E, IPC-A-610 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. EXAMPLE: **1222812-05**.
 - NOTE: THIS NUMBER AND REVISION SHOULD MATCH THE RELEASED TENNANT DRAWING.
 - MANUFACTURER'S LABEL WITH SERIAL NUMBER.
 - 4) FUNCTIONAL TEST: REFER TO FUNCTIONAL TEST PROCEDURE FCT_REV_02_DRAGO_MAIN_CONTROL_BOARD(003).DOCX
 - 5) ITEM #1: MICRO A, TI TM4C123GH6PGEI, QPL# Q19064-005.
ITEM #2: MICRO B, TI TM4C123GH6PGEI, QPL# Q19064-005.
ITEM #3: AMP, #776231-2, CONN 35POS VERT AMPSEAL, NATURAL, QPL #Q15012-004.
ITEM #4: AMP, #776231-1, CONN 35POS VERT AMPSEAL, BLACK, QPL #Q15012-001
 - 6) ASSEMBLY TO BE MANUFACTURED PER RoHS/LEAD FREE STANDARDS.
 - 7) DRAWING DIMENSIONS ARE FOR REFERENCE ONLY. REFER TO GERBER FILES FOR EXACT PCB DIMENSIONS.
 - 8) MICRO A FIRMWARE FILE: (DRAGO_SCRUB_A_PRODUCTION_IMAGE_1_02.BIN)
MICRO B FIRMWARE FILE: (DRAGO_SCRUB_B_PRODUCTION_IMAGE_1_01.BIN)

REV-05 CHANGES:
1) CHANGE QPL BILL OF MATERIAL TO: BOM1222812revQ,
CHANGED TO NON-USB MICRO.

ECO CONSULTATION

MATERIAL SPECIFICATIONS:	OTHER TREATMENTS AND FINISHES		PAINT - COLOR		
PART NAME: CIRCUITBOARD ASSY [DRAGO]	GLOSS	PERFORMANCE	ACCEPTANCE	DES: KURT ADELMAN	03/21/2016

REV	ECO
05	
CHANGED BY: KURT ADELMAN	
DATE: 09/08/2022	
MDR:	
DES: KURT ADELMAN	

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 1222812