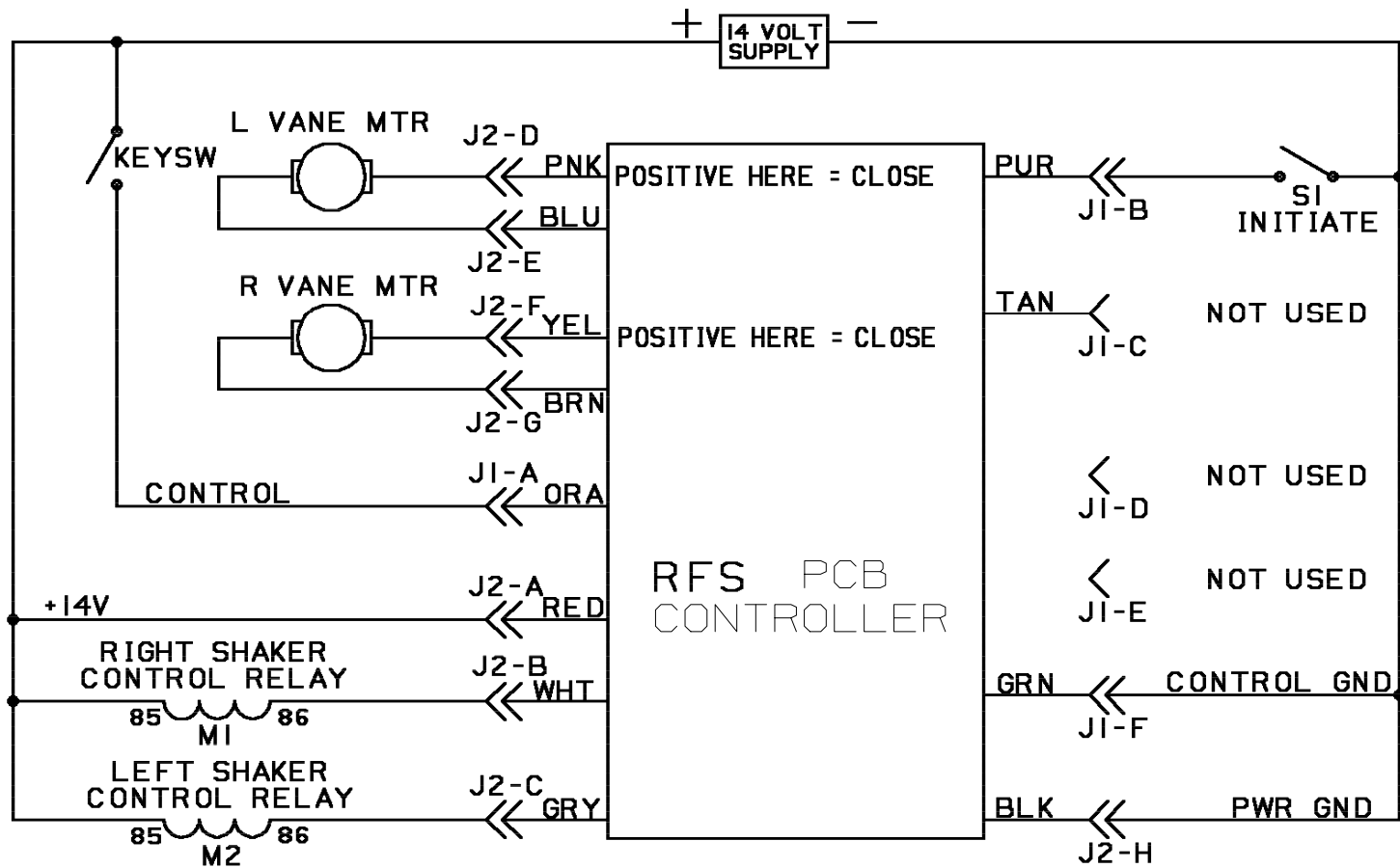


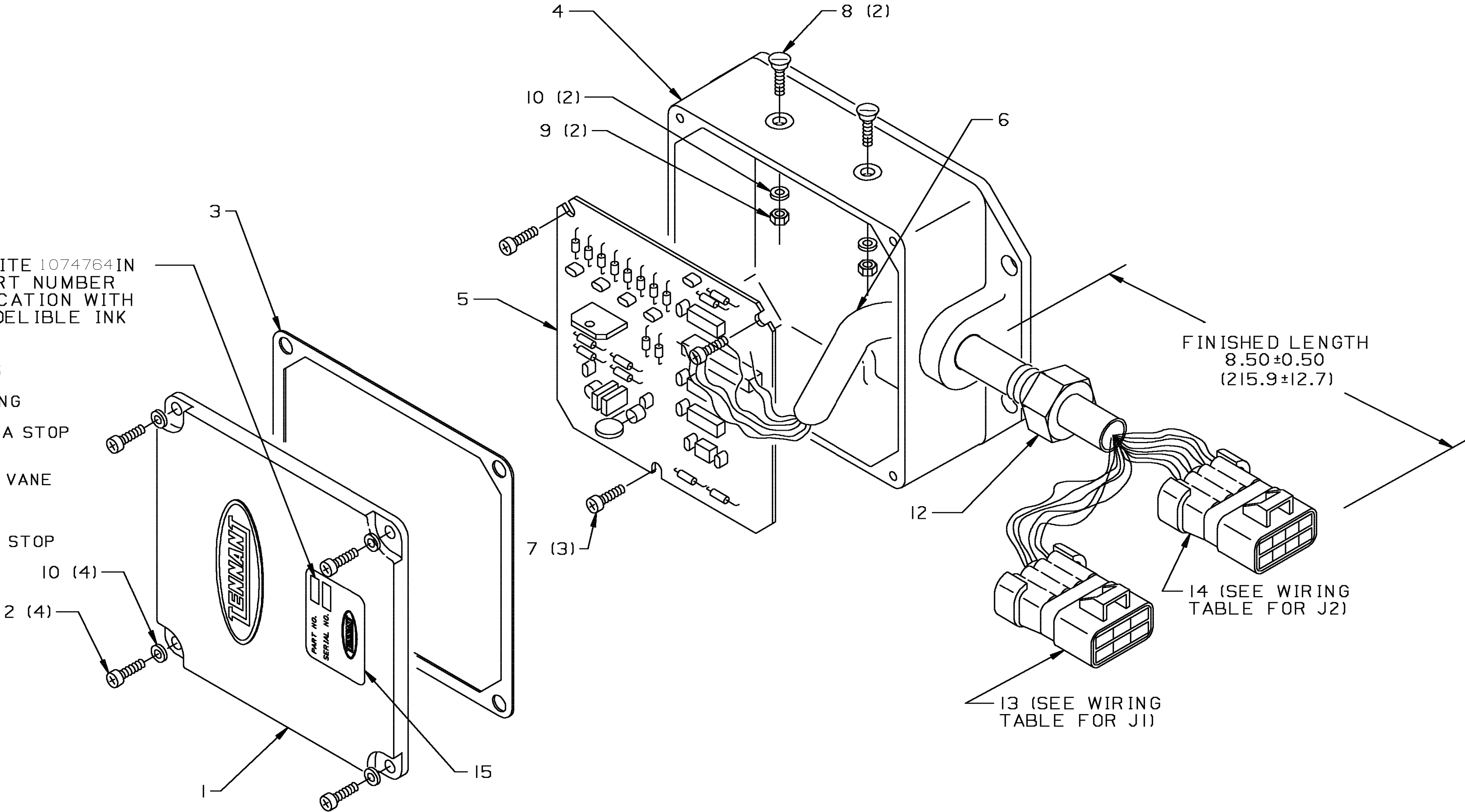
FUNCTIONAL TEST DIAGRAM



FUNCTIONAL TEST FOR 1074764

- WITH KEY SWITCH OPEN, CONNECT ASSEMBLY AS SHOWN IN DIAGRAM (CONTACT TENNANT FOR VANE MOTOR ASSEMBLIES)
- CLOSE KEY SWITCH AND NOTE THAT, FOR 1.5 TO 3 SECONDS BOTH VANE MOTORS OPEN AGAINST STOPS
- INITIATE A CYCLE BY MOMENTARILY CLOSING SI AND NOTE THAT THE FOLLOWING FUNCTIONS OCCUR IN THE FOLLOWING ORDER:
  1. FOR 2.5 TO 3.5 SECONDS, THE RIGHT SIDE VANE CLOSES STALLING AGAINST A STOP
  2. FOR 30 TO 33 SECONDS, THE RIGHT SIDE SHAKER RELAY IS ACTIVATED
  3. FOR 6 TO 8 SECONDS, NOTHING HAPPENS
  4. FOR 2.5 TO 3.5 SECONDS, THE RIGHT SIDE VANE OPENS AND THE LEFT SIDE VANE CLOSES BOTH OF WHICH STALL AGAINST STOPS
  5. FOR 31 TO 34 SECONDS, THE LEFT SIDE SHAKER RELAY IS ACTIVATED
  6. FOR 6 TO 8 SECONDS, NOTHING HAPPENS
  7. FOR 2.5 TO 3.5 SECONDS, THE LEFT SIDE VANE OPENS STALLING AGAINST A STOP
  8. UNTIL ANOTHER CYCLE IS INITIATED, THE SYSTEM DOES NOTHNG

WRITE 1074764 IN PART NUMBER LOCATION WITH INDELIBLE INK



WIRING TABLE FOR J1

PCB PINOUT	TERM.	CIRCUIT DESCRIPTION	COLOR
P1-1	A	CONTROL POWER (+14V)	ORA
P1-2	B	CYCLE INITIATE	PUR
---	C	(NOT USED)	---
---	D	(NOT USED)	---
---	E	(NOT USED)	---
P1-6	F	CONTROL GND	GRN

WIRING TABLE FOR J2



P.C.B. PINOUT	TERM.	CIRCUIT DESCRIPTION	COLOR
P2-1	A	POWER (+14V)	RED
P2-2	B	RIGHT SHKR RELAY COIL	WHT
P2-3	C	LEFT SHKR RELAY COIL	GRY
P2-4	D	LEFT VANE MOTOR	PNK
P2-5	E	LEFT VANE MOTOR	BLU
P2-6	F	RIGHT VANE MOTOR	YEL
P2-7	G	RIGHT VANE MOTOR	BRN
P2-8	H	GND	BLK

SIZE	TORQUE - GRADE 2
M3	43-56 NCM
M4	99-128 NCM

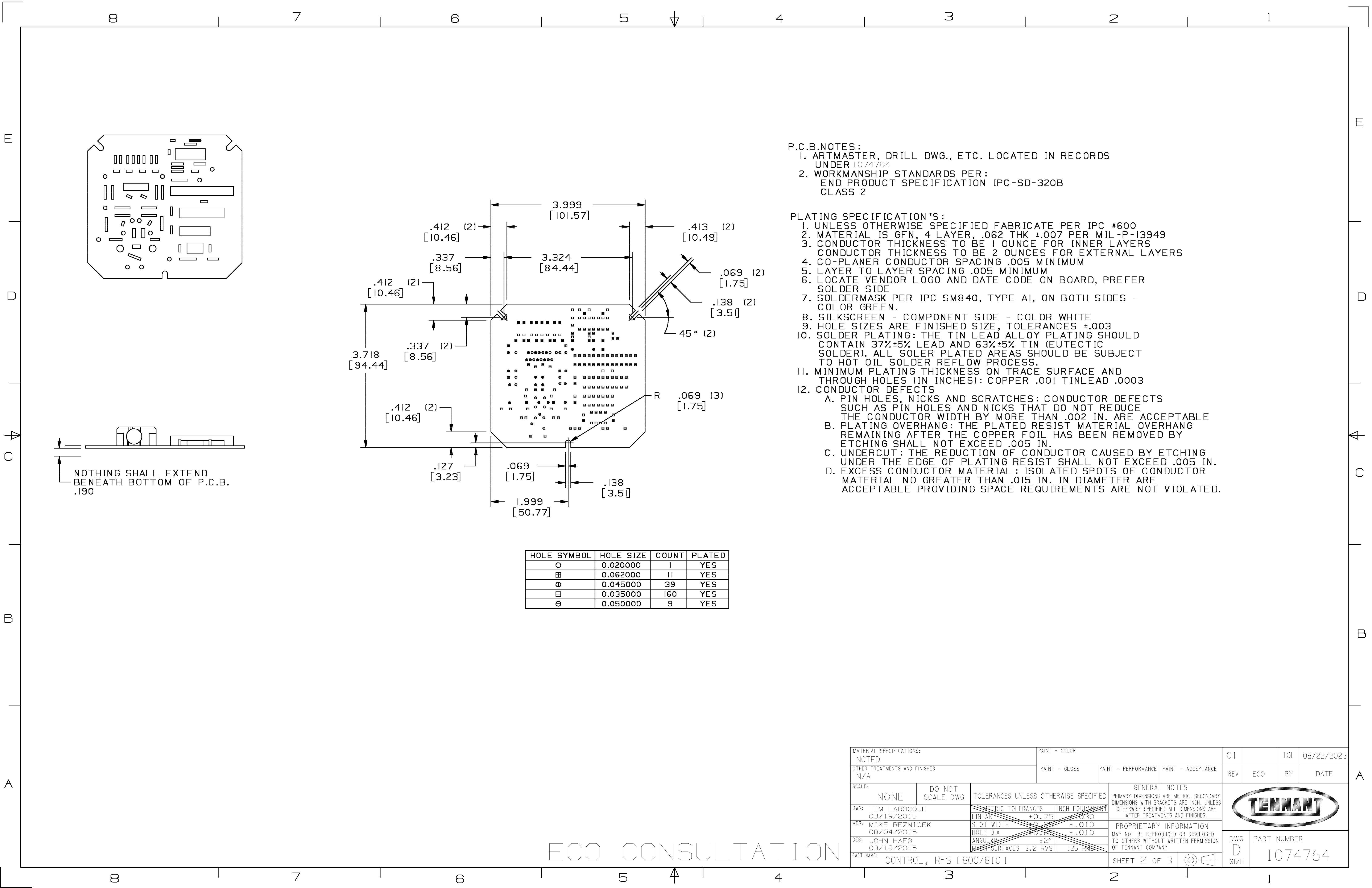
NOTES:

1. FINISHED ASSEMBLY TO BE 100% FUNCTION TESTED.
2. GRADE 2 TORQUE ON ALL HARDWARE - SEE CHART
3. PART 1074764 REPLACES PART 79176
4. INSPECT TO IPC-A-610 CURRENT REV, CLASS 2 MANUFACTURE TO J-STD-001 CURRENT REV


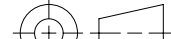
REV 01 CHANGES:  
1. REMOVED TAN WIRE COLOR FROM J1 TERMINAL TABLE, TERMINAL C

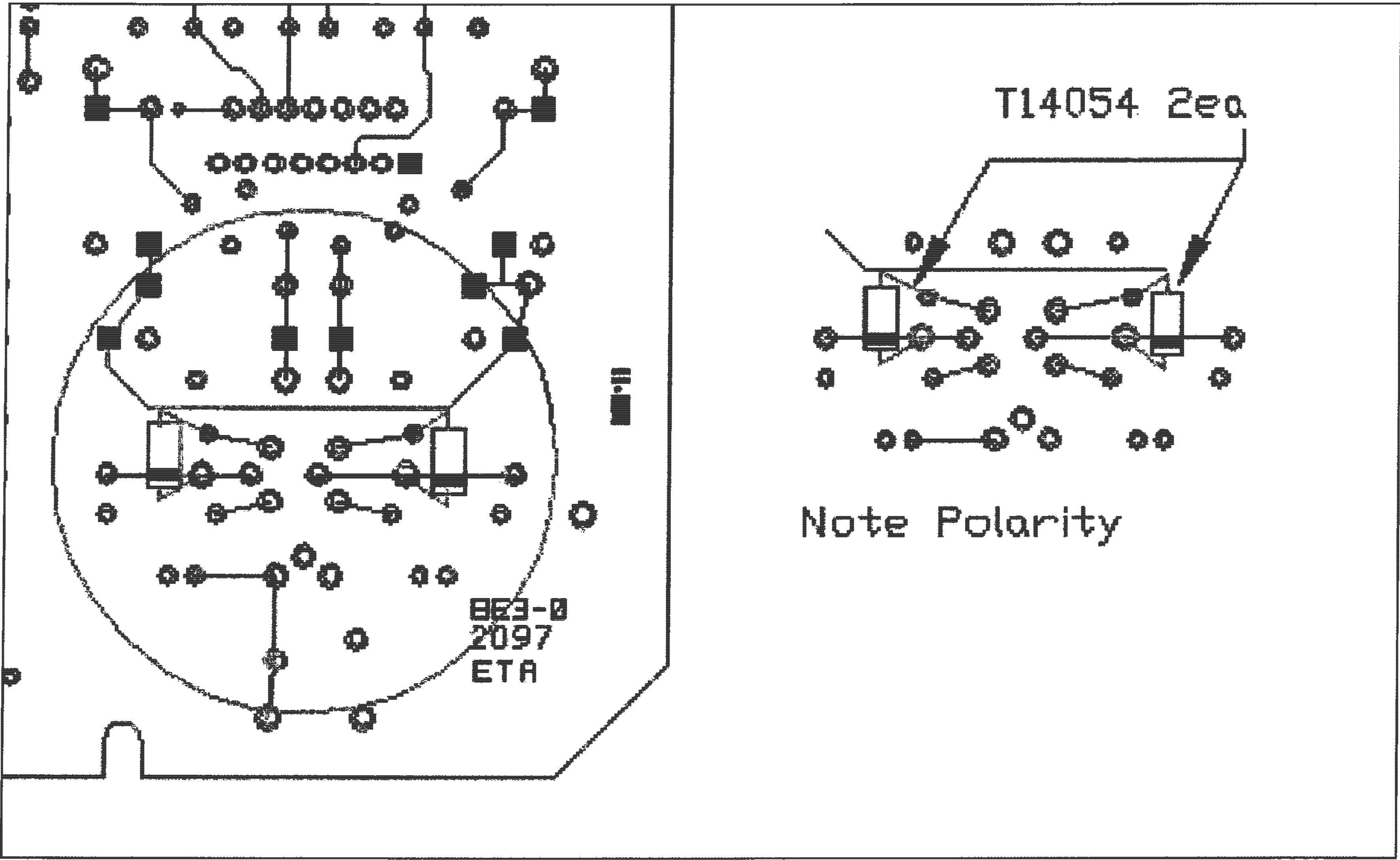
MATERIAL SPECIFICATIONS: NOTED			PAINT - COLOR			01		TGL	08/22/2023
OTHER TREATMENTS AND FINISHES N/A			PAINT - GLOSS	PAINT - PERFORMANCE	PAINT - ACCEPTANCE	REV	ECO	BY	DATE
SCALE:	DO NOT SCALE DWG	TOLERANCES UNLESS OTHERWISE SPECIFIED			GENERAL NOTES				
NONE					PRIMARY DIMENSIONS ARE METRIC, SECONDARY DIMENSIONS WITH BRACKETS ARE INCH, UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE AFTER TREATMENTS AND FINISHES.				
DWN: TIM LAROCQUE 03/19/2015		<del>METRIC TOLERANCES</del>	<del>INCH EQUIVALENT</del>	PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.					
MDR: MIKE REZNICEK 08/04/2015		<del>LINEAR</del>	<del>+0.75 -0.25</del>						
DES: JOHN HAEG 03/19/2015		<del>SLOT WIDTH</del>	<del>+0.25 -0.10</del>						
		<del>HOLE DIA</del>	<del>+0.25 +0.10</del>						
		<del>ANGULAR</del>	<del>+2°</del>			DWG D SIZE	PART NUMBER 1074764		
PART NAME:	CONTROL, RFS [800/810]				SHEET 1 OF 3				






ECO CONSULTATION

MATERIAL SPECIFICATIONS: NOTED			PAINT - COLOR			01		TGL	08/22/2023				
OTHER TREATMENTS AND FINISHES N/A			PAINT - GLOSS		PAINT - PERFORMANCE	PAINT - ACCEPTANCE	REV	ECO	BY	DATE			
SCALE: NONE		DO NOT SCALE DWG	TOLERANCES UNLESS OTHERWISE SPECIFIED			GENERAL NOTES			<div></div>				
DWN: TIM LAROCQUE 03/19/2015			<del>METRIC TOLERANCES</del>		<del>INCH EQUIVALENT</del>		PRIMARY DIMENSIONS ARE METRIC. SECONDARY DIMENSIONS WITH BRACKETS ARE INCH. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE AFTER TREATMENTS AND FINISHES.						
MDR: MIKE REZNICEK 08/04/2015			<del>LINEAR</del>		<del>±0.75</del>		<del>±0.30</del>				PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.		
DES: JOHN HAEG 03/19/2015			<del>SLOT WIDTH</del>		<del>±0.25</del>		<del>±.010</del>						
			<del>HOLE DIA</del>		<del>±0.25</del>		<del>±.010</del>						
			<del>ANGULAR</del>		<del>±2°</del>		<del>±.010</del>						
			<del>MACH SURFACES</del>		<del>3.2 RMS</del>		<del>125 RMS</del>						
PART NAME: CONTROL, RFS [800/810]			SHEET 2 OF 3					DWG D SIZE	PART NUMBER 1074764				



- NOTES:
- 1. REF. SCHEMATIC 79178
  - 2. WORKMANSHIP STANDARDS PER:  
GENERAL REQUIREMENTS FOR SOLDERING OF ELECTRICAL  
CONNECTIONS IPC-S-815B  
ACCEPTABILITY OF PRINTED BOARD ASSEMBLIES IPC-A-610
  - 3. P.C.B. ASSEMBLY TO BE 100% IN CIRCUIT TESTED  
AND ALSO FUNCTIONALLY TESTED (SEE FUCTIONAL TEST  
PROCEDURE)
  - 4. NO SUBSTITUTION OF PARTS
  - 5. IF ANY PARTS ARE DIFFICULT TO ACQUIRE, CONTACT  
TENNANT IMMEDIATELY

MATERIAL SPECIFICATIONS: NOTED			PAINT - COLOR			01		TGL	08/22/2023					
OTHER TREATMENTS AND FINISHES N/A			PAINT - GLOSS		PAINT - PERFORMANCE	PAINT - ACCEPTANCE		REV	ECO	BY	DATE			
SCALE: NONE		DO NOT SCALE DWG		TOLERANCES UNLESS OTHERWISE SPECIFIED		GENERAL NOTES			<div></div>					
DWN: TIM LAROCQUE 03/19/2015				<del>METRIC TOLERANCES</del>		<del>INCH EQUIVALENT</del>						PRIMARY DIMENSIONS ARE METRIC, SECONDARY DIMENSIONS WITH BRACKETS ARE INCH, UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE AFTER TREATMENTS AND FINISHES.		
MDR: MIKE REZNICEK 08/04/2015				<del>LINEAR</del>		<del>±0.75</del>								
DES: JOHN HAEG 03/19/2015				<del>SLOT WIDTH</del>		<del>±0.25</del>								
				<del>HOLE DIA</del>		<del>±0.010</del>								
PART NAME: CONTROL, RFS [800/810]				<del>ANGULAR</del>		<del>±2°</del>			PROPRIETARY INFORMATION					
				<del>MATCH SURFACES</del>		<del>3.2 RMS</del>			MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.					
									DWG D SIZE					
									PART NUMBER 1074764					
		</												