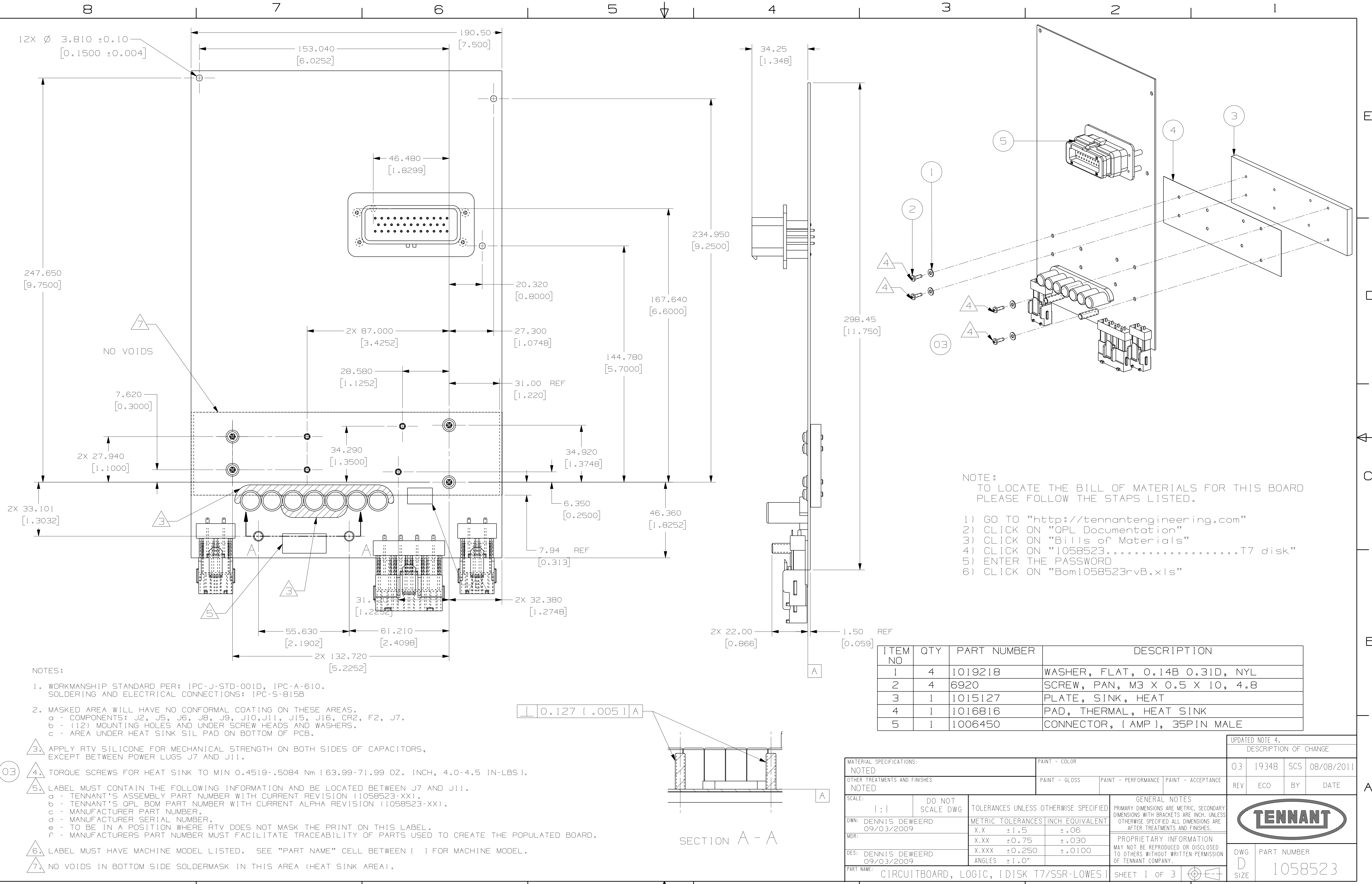


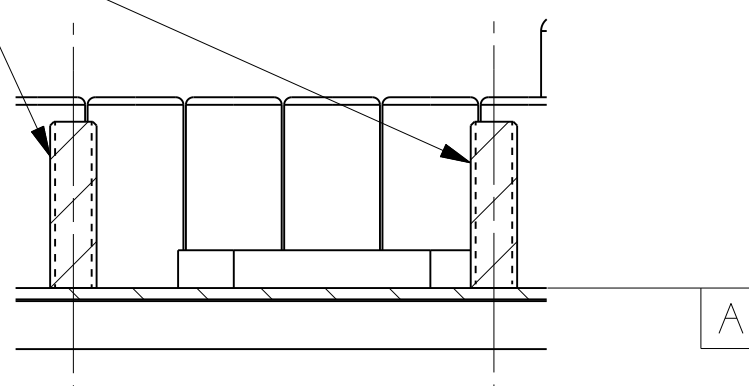
E
D
C
B
A

E
D
C
B
A



- NOTES:
1. WORKMANSHIP STANDARD PER: IPC-J-STD-001D, IPC-A-610, SOLDERING AND ELECTRICAL CONNECTIONS: IPC-5-815B
 2. MASKED AREA WILL HAVE NO CONFORMAL COATING ON THESE AREAS.
a - COMPONENTS: J2, J5, J6, J8, J9, J10, J11, J15, J16, CR2, F2, J7.
b - (12) MOUNTING HOLES AND UNDER SCREW HEADS AND WASHERS.
c - AREA UNDER HEAT SINK SIL PAD ON BOTTOM OF PCB.
 3. APPLY RTV SILICONE FOR MECHANICAL STRENGTH ON BOTH SIDES OF CAPACITORS, EXCEPT BETWEEN POWER LUGS J7 AND J11.
 4. TORQUE SCREWS FOR HEAT SINK TO MIN 0.4519-.5084 Nm [63.99-71.99 OZ. INCH, 4.0-4.5 IN-LBS].
 5. LABEL MUST CONTAIN THE FOLLOWING INFORMATION AND BE LOCATED BETWEEN J7 AND J11.
a - TENNANT'S ASSEMBLY PART NUMBER WITH CURRENT REVISION (1058523-XX).
b - TENNANT'S OPL BOM PART NUMBER WITH CURRENT ALPHA REVISION (1058523-XX).
c - MANUFACTURER PART NUMBER.
d - MANUFACTURER SERIAL NUMBER.
e - TO BE IN A POSITION WHERE RTV DOES NOT MASK THE PRINT ON THIS LABEL.
f - MANUFACTURERS PART NUMBER MUST FACILITATE TRACEABILITY OF PARTS USED TO CREATE THE POPULATED BOARD.
 6. LABEL MUST HAVE MACHINE MODEL LISTED. SEE "PART NAME" CELL BETWEEN 1) FOR MACHINE MODEL.
 7. NO VOIDS IN BOTTOM SIDE SOLDERMASK IN THIS AREA (HEAT SINK AREA).

0.127 [.005] A



SECTION A - A

NOTE:
TO LOCATE THE BILL OF MATERIALS FOR THIS BOARD
PLEASE FOLLOW THE STAPS LISTED.

- 1) GO TO "http://tennantengineering.com"
- 2) CLICK ON "QPL Documentation"
- 3) CLICK ON "Bills of Materials"
- 4) CLICK ON "1058523.....T7 disk"
- 5) ENTER THE PASSWORD
- 6) CLICK ON "Bom1058523rvB.xls"

ITEM NO	QTY	PART NUMBER	DESCRIPTION
1	4	1019218	WASHER, FLAT, 0.14B 0.31D, NYL
2	4	6920	SCREW, PAN, M3 X 0.5 X 10, 4.8
3	1	1015127	PLATE, SINK, HEAT
4	1	1016816	PAD, THERMAL, HEAT SINK
5	1	1006450	CONNECTOR, [AMP], 35PIN MALE

MATERIAL SPECIFICATIONS:			PAINT - COLOR			03	19348	SCS	08/08/2011		
NOTED											
OTHER TREATMENTS AND FINISHES			PAINT - GLOSS		PAINT - PERFORMANCE	PAINT - ACCEPTANCE		REV	ECO	BY	DATE
NOTED											
SCALE:		DO NOT SCALE DWG	TOLERANCES UNLESS OTHERWISE SPECIFIED			GENERAL NOTES					
1:1						PRIMARY DIMENSIONS ARE METRIC, SECONDARY DIMENSIONS WITH BRACKETS ARE INCH. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE AFTER TREATMENTS AND FINISHES.					
DWN: DENNIS DEWEERD 09/03/2009			METRIC TOLERANCES INCH EQUIVALENT			PROPRIETARY INFORMATION MAY NOT BE REPRODUCED OR DISCLOSED TO OTHERS WITHOUT WRITTEN PERMISSION OF TENNANT COMPANY.					
WDR:			X.X ±1.5		±.06						
			X.XX ±0.75		±.030						
DES: DENNIS DEWEERD 09/03/2009			X.XXX ±0.250		±.0100						
			ANGLES ±1.0°								
PART NAME:			CIRCUITBOARD, LOGIC, [DISK T7/SSR-LOWES]			SHEET 1 OF 3				DWG D SIZE	PART NUMBER 1058523