

E

D

C

B

A

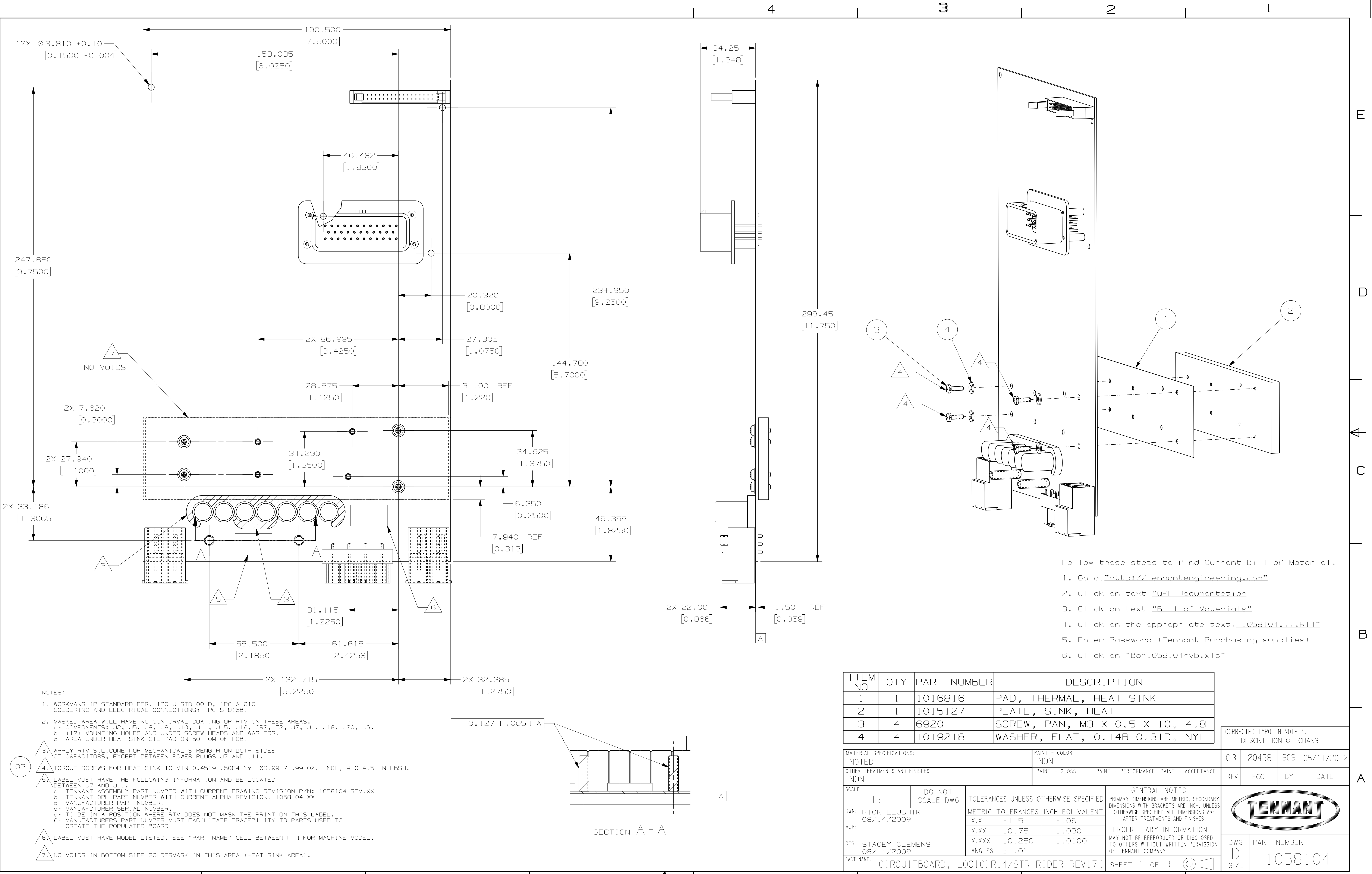
E

D

C

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- NOTES:
1. WORKMANSHIP STANDARD PER: IPC-J-STD-001D, IPC-A-610, SOLDERING AND ELECTRICAL CONNECTIONS: IPC-S-815B.
 2. MASKED AREA WILL HAVE NO CONFORMAL COATING OR RTV ON THESE AREAS.
a- COMPONENTS: J2, J5, J8, J9, J10, J11, J18, J19, CR2, F2, J7, J1, J19, J20, J6.
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 PLUGS 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 HAVE THE FOLLOWING INFORMATION AND BE LOCATED BETWEEN J7 AND J11.
a- TENNANT ASSEMBLY PART NUMBER WITH CURRENT DRAWING REVISION P/N: 1058104 REV.XX
b- TENNANT OPL PART NUMBER WITH CURRENT ALPHA REVISION. 1058104-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 TO PARTS USED TO CREATE THE POPULATED BOARD.
 6. LABEL MUST HAVE MODEL LISTED, SEE "PART NAME" CELL BETWEEN () FOR MACHINE MODEL.
 7. NO VOIDS IN BOTTOM SIDE SOLDERMASK IN THIS AREA (HEAT SINK AREA).

SECTION A - A

ITEM NO	QTY	PART NUMBER	DESCRIPTION
1	1	1016816	PAD, THERMAL, HEAT SINK
2	1	1015127	PLATE, SINK, HEAT
3	4	6920	SCREW, PAN, M3 X 0.5 X 10, 4.8
4	4	1019218	WASHER, FLAT, 0.14B 0.31D, NYL

MATERIAL SPECIFICATIONS: NOTED		PAINT - COLOR NONE	
OTHER TREATMENTS AND FINISHES NONE		PAINT - GLOSS	PAINT - PERFORMANCE PAINT - ACCEPTANCE
SCALE: 1:1	DO NOT SCALE DWG	TOLERANCES UNLESS OTHERWISE SPECIFIED	
DWN: RICK ELUSHIK 08/14/2009		METRIC TOLERANCES	INCH EQUIVALENT
MDR:		X.X ±1.5	±.06
		X.XX ±0.75	±.030
DES: STACEY CLEMENS 08/14/2009		X.XXX ±0.250	±.0100
PART NAME:		ANGLES ±1.0°	
CIRCUITBOARD, LOGIC[R14/STR RIDER-REV17]		SHEET 1 OF 3	

- Follow these steps to find Current Bill of Material.
1. Goto, "<http://tennantengineering.com>"
 2. Click on text "QPL Documentation"
 3. Click on text "Bill of Materials"
 4. Click on the appropriate text, "1058104...R14"
 5. Enter Password (Tennant Purchasing supplies)
 6. Click on "Bom1058104rvB.xls"

CORRECTED TYPO IN NOTE 4. DESCRIPTION OF CHANGE			
03	20458	SCS	05/11/2012
REV	ECO	BY	DATE
DWG D SIZE		PART NUMBER 1058104	