

8		7		6		5		4		3		2		1	
ITEM NO.	PART NUMBER	DESCRIPTION		QTY.											
1	1019218	WASHER, FLAT, 0.14B 0.31D .03, NYL		4											
2	6920	SCREW, PAN, PHL, M3 X 0.50 X 10, 4.8		4											
3	1015127	PLATE, SINK, HEAT		1											
4	1016816	PAD, THERMAL, HEAT SINK		1											
5	1006450	CONNECTOR, [AMP], 35PIN MALE		1											

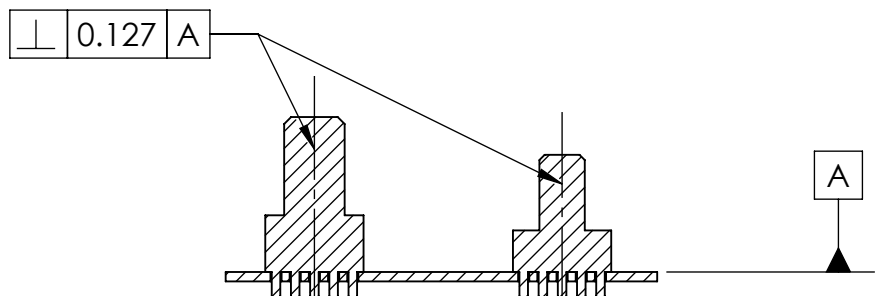
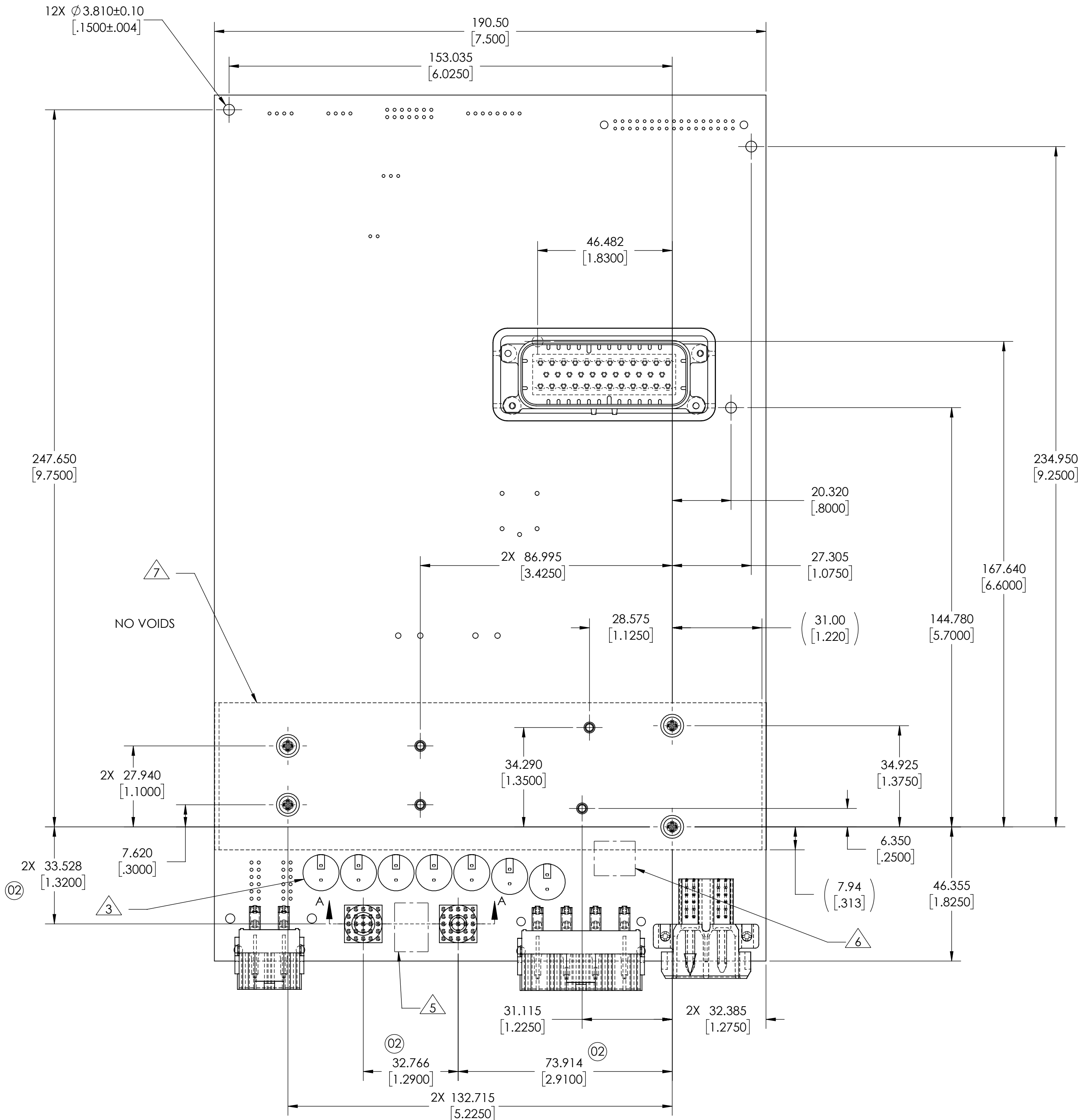
REVISIONS		
REV.	DESCRIPTION	DATE
02	UPDATED BOM TO REV C. REDREW TO ALIGN WITH OTHER 17 CIRCUITBOARDS	7/8/2025

D

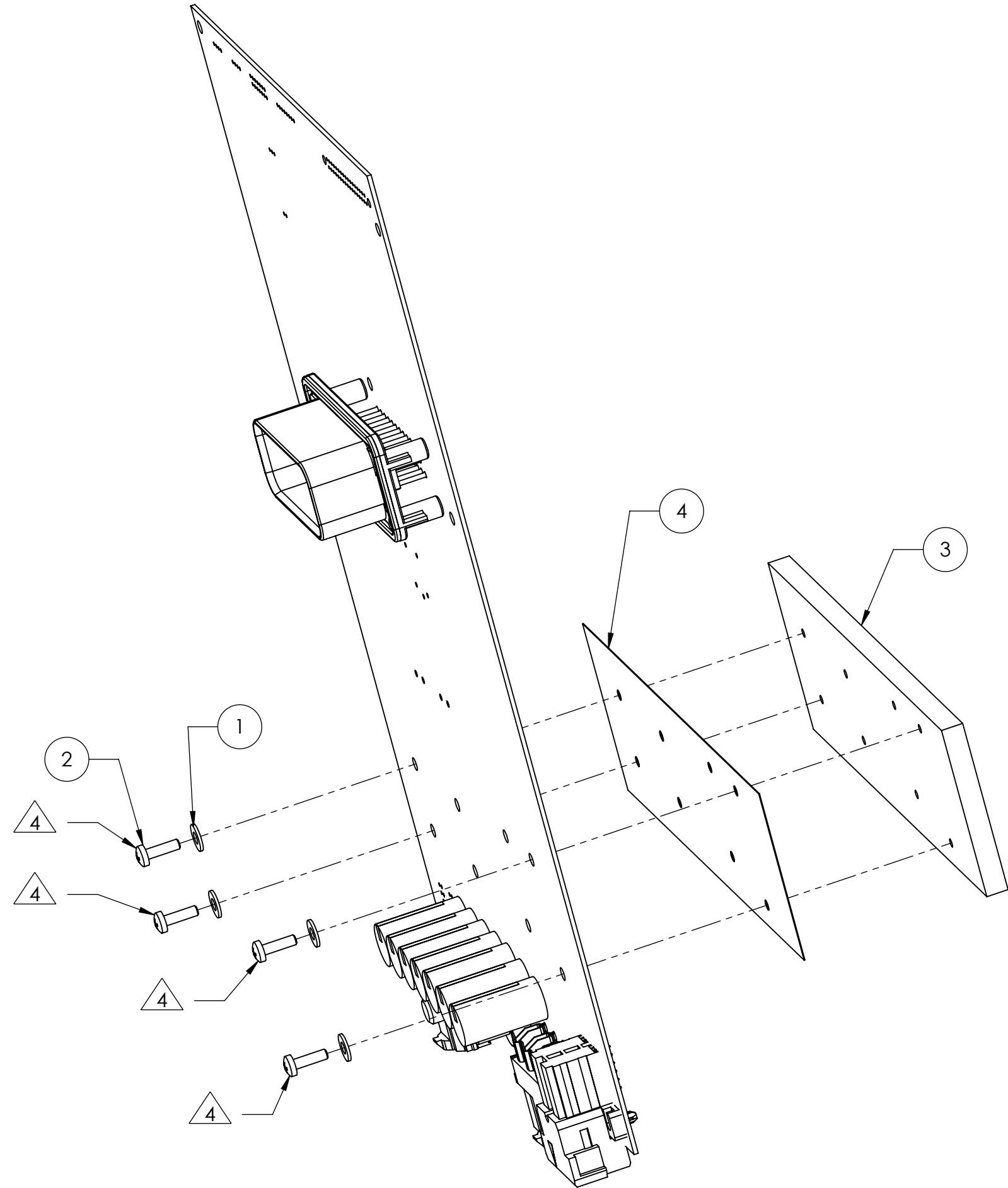
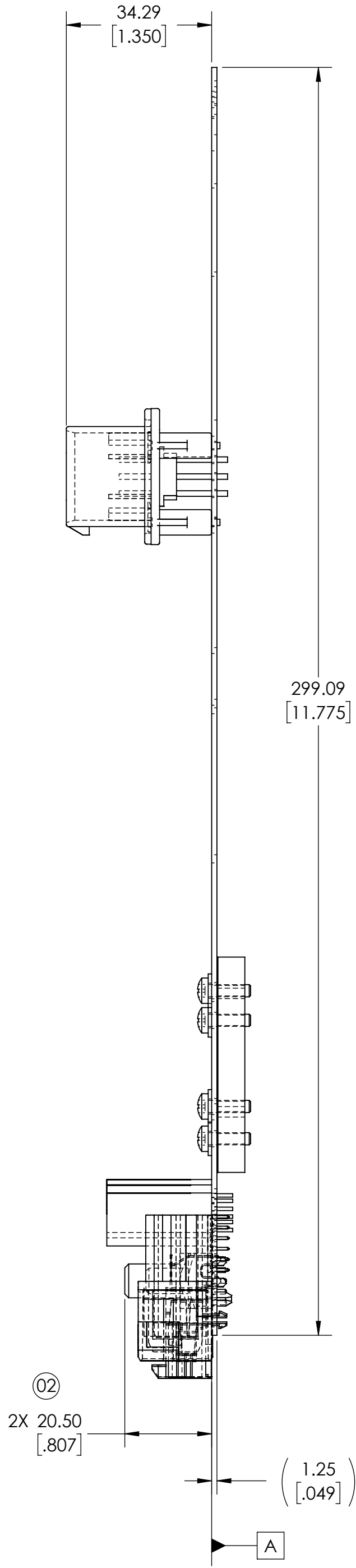
C

B

A



SECTION A-A



- NOTES:
- WORKMANSHIP STANDARD PER: IPC-J-STD-001D, IPC-A-610. SOLDERING AND ELECTRICAL CONNECTIONS: IPC-S-815B
 - MASKED AREA WILL HAVE NO CONFORMAL COATING ON THESE AREAS.
 - COMPONENTS: J2, J5, J6, J8, J9, J10, J11, J15, J16, CR2, F2, J7.
 - (12) MOUNTING HOLES AND UNDER SCREW HEADS AND WASHERS.
 - AREA UNDER HEAT SINK SIL PAD ON BOTTOM OF PCB.
 - APPLY RTV SILICONE FOR MECHANICAL STRENGTH ON BOTH SIDES OF CAPACITORS, EXCEPT BETWEEN POWER LUGS J7 AND J11.
 - TORQUE SCREWS FOR HEAT SINK TO MIN 0.4519-.5084 Nm [63.99-71.99 OZ. INCH, 4.0-4.5 IN-LBS].
 - LABEL MUST CONTAIN THE FOLLOWING INFORMATION AND BE LOCATED BETWEEN J7 AND J11
 - TENNANT'S ASSEMBLY PART NUMBER WITH CURRENT DRAWING REVISION P/N: 1250880 REV02
 - TENNANT'S QPL BOM PART NUMBER WITH CURRENT ALPHA REVISION. (BOM1250880revC)
 - MANUFACTURER PART NUMBER
 - MANUFACTURER SERIAL NUMBER
 - TO BE IN A POSITION WHERE RTV DOES NOT MASK THE PRINT ON THIS LABEL
 - MANUFACTURERS PART NUMBER MUST FACILITATE TRACEABILITY OF PARTS USED TO CREATE THE POPULATED BOARD
 - LABEL MUST HAVE MACHINE MODEL LISTED. SEE "PART NAME" CELL BETWEEN [] FOR MACHINE MODEL
 - NO VOIDS IN BOTTOM SIDE SOLDERMASK IN THIS AREA (HEAT SINK AREA)
 - BUILD USING QPL BILL OF MATERIALS: BOM1250880revC.xlsx
 - PROGRAM USING FIRMWARE FILE: Q30006-019_PROWDISK092822.OUT

ECO CONSULTATION

MATERIAL SPECIFICATIONS: NOTED	OTHER TREATMENTS AND FINISHES NOTED	PAINT - COLOR			MOR:
PART NAME: CIRCUITBOARD, LOGIC [DISK T7/SSR-R7]		GLOSS	PERFORMANCE	ACCEPTANCE	DES:

CHANGED BY: DATE: 07/08/2025

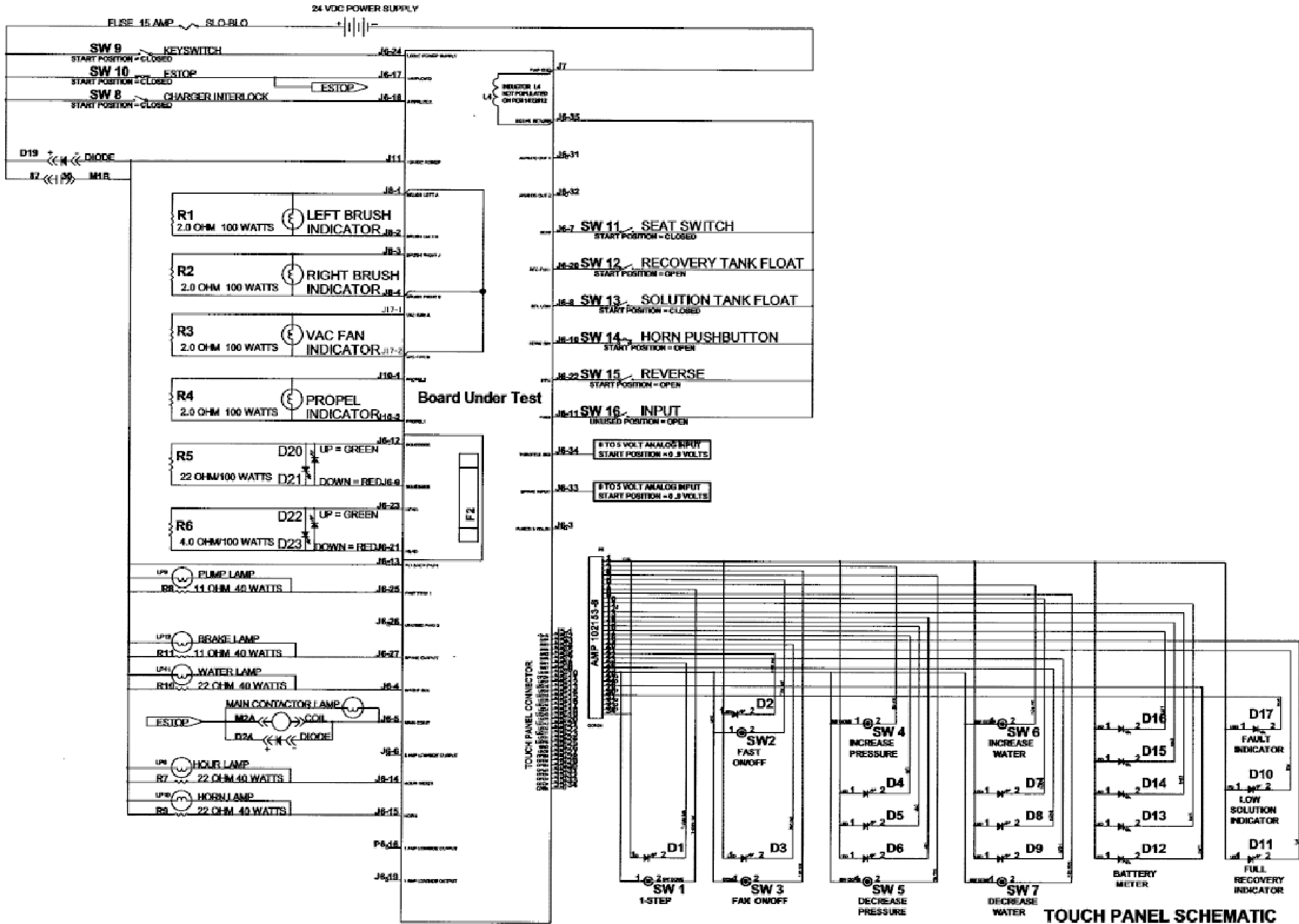
REV	ECO
02	

WELDING NOTATION IN ACCORDANCE WITH AWS A2.4-95	
UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCING IN ACCORDANCE WITH ASME Y14.5-2009 ALL UNTOLERANCED DIMENSIONS ARE CONTROLLED BY:	
X.X ±1.5 ±[.06]	
X.XX ±0.75 ±[.030]	
X.XXX ±0.250 ±[.0098]	
ANGLES ±20°	

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 3	



DWG D SIZE PART NUMBER 1250880



ECO CONSULTATION

MATERIAL SPECIFICATIONS: NOTED		OTHER TREATMENTS AND FINISHES NOTED		PAINT - COLOR		MOR:	
PART NAME: CIRCUITBOARD, LOGIC [DISK T7/SSR-R7]				GLOSS		DES:	

CHANGED BY: DATE: 07/08/2025

REV	ECO
02	

WELDING NOTATION IN ACCORDANCE WITH AWS A2.4:05	
UNLESS OTHERWISE SPECIFIED DIMENSION TOLERANCING IN ACCORDANCE WITH ASME Y14.5-2009 ALL UNTOLERANCED DIMENSIONS ARE CONTROLLED BY:	
X.X	±1.5 ±[.06]
X.XX	±0.75 ±[.030]
X.XXX	±0.250 ±[.0098]
ANGLES	±20°

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	3 OF 3

DWG D SIZE		PART NUMBER	
		1250880	

