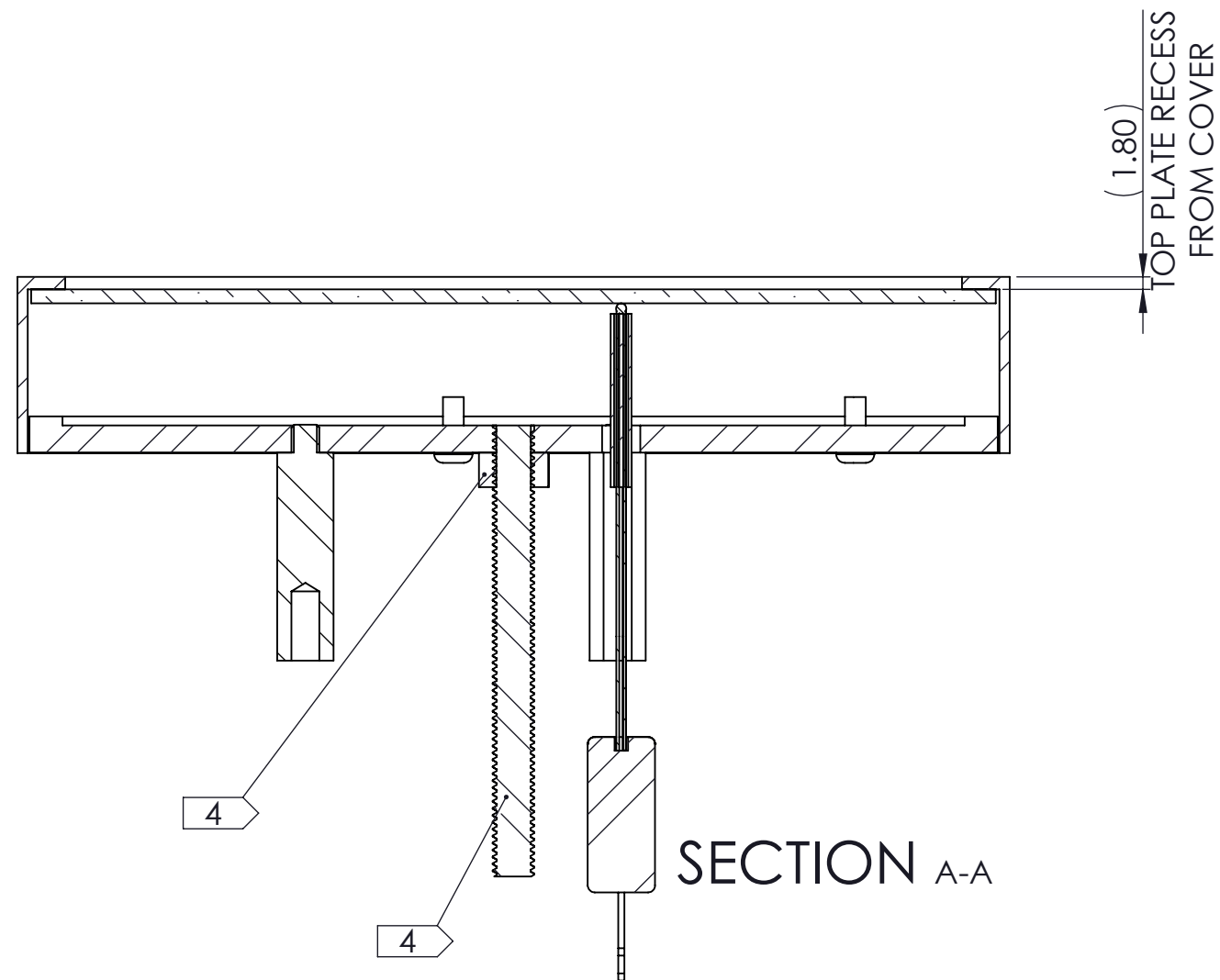
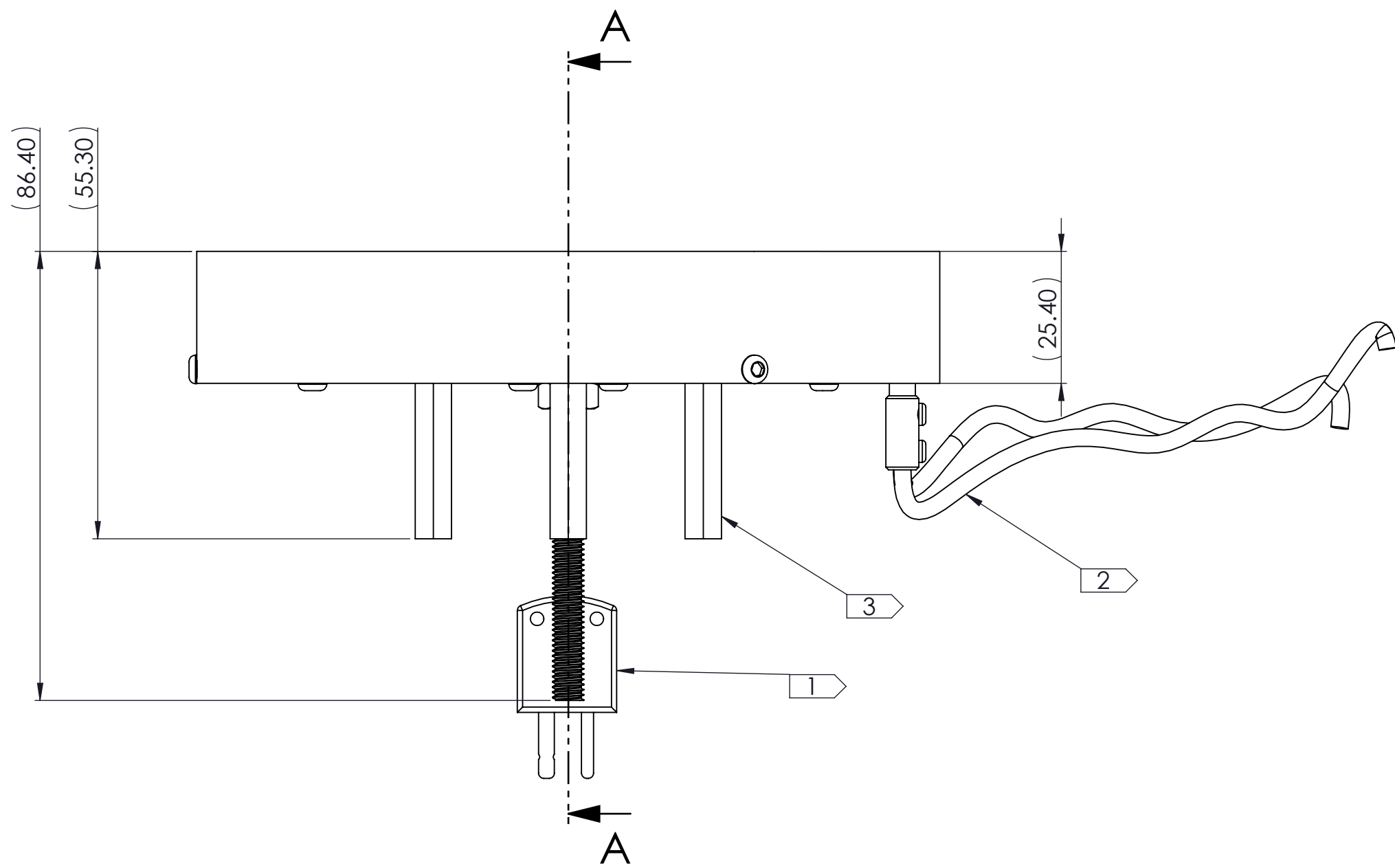
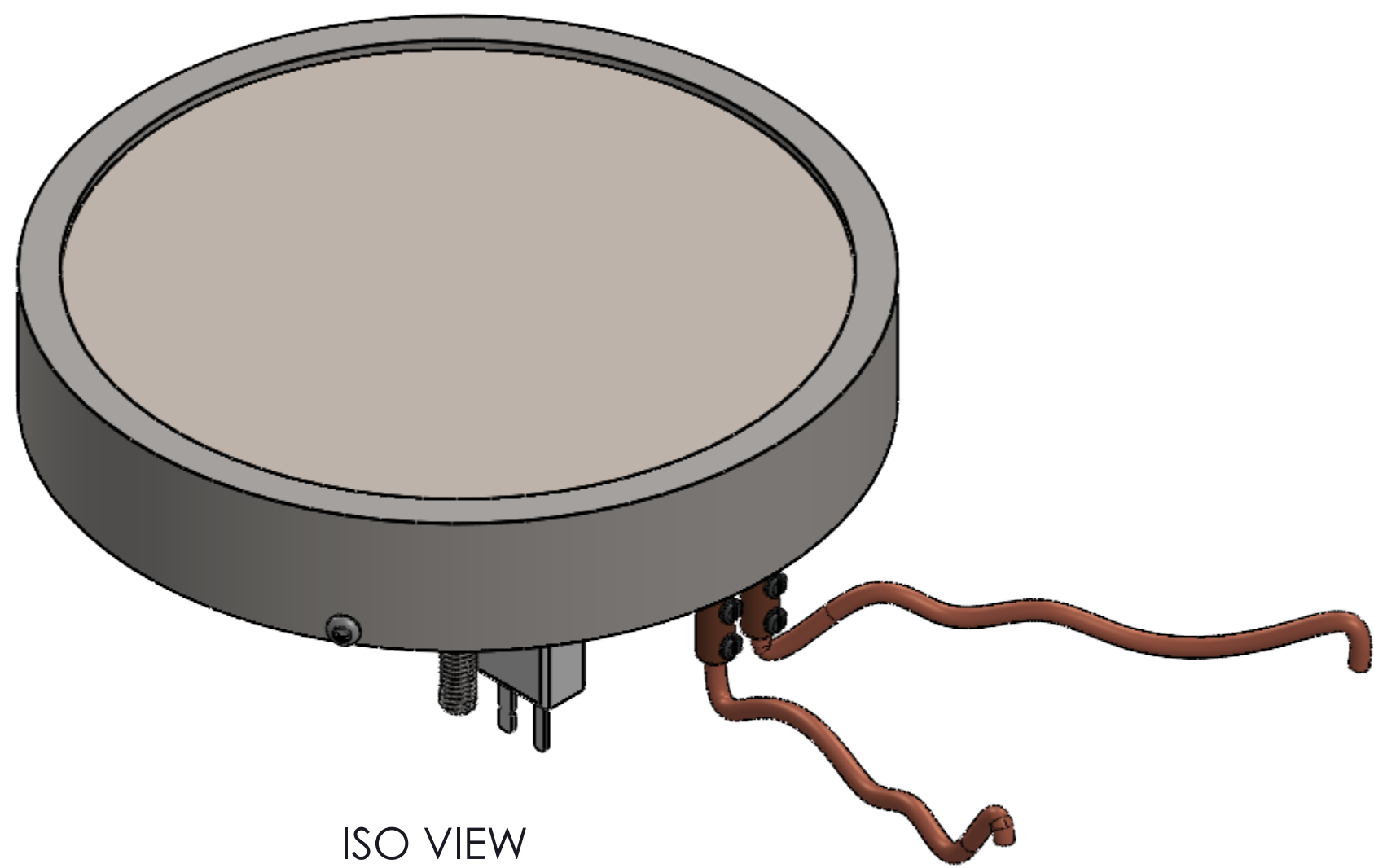
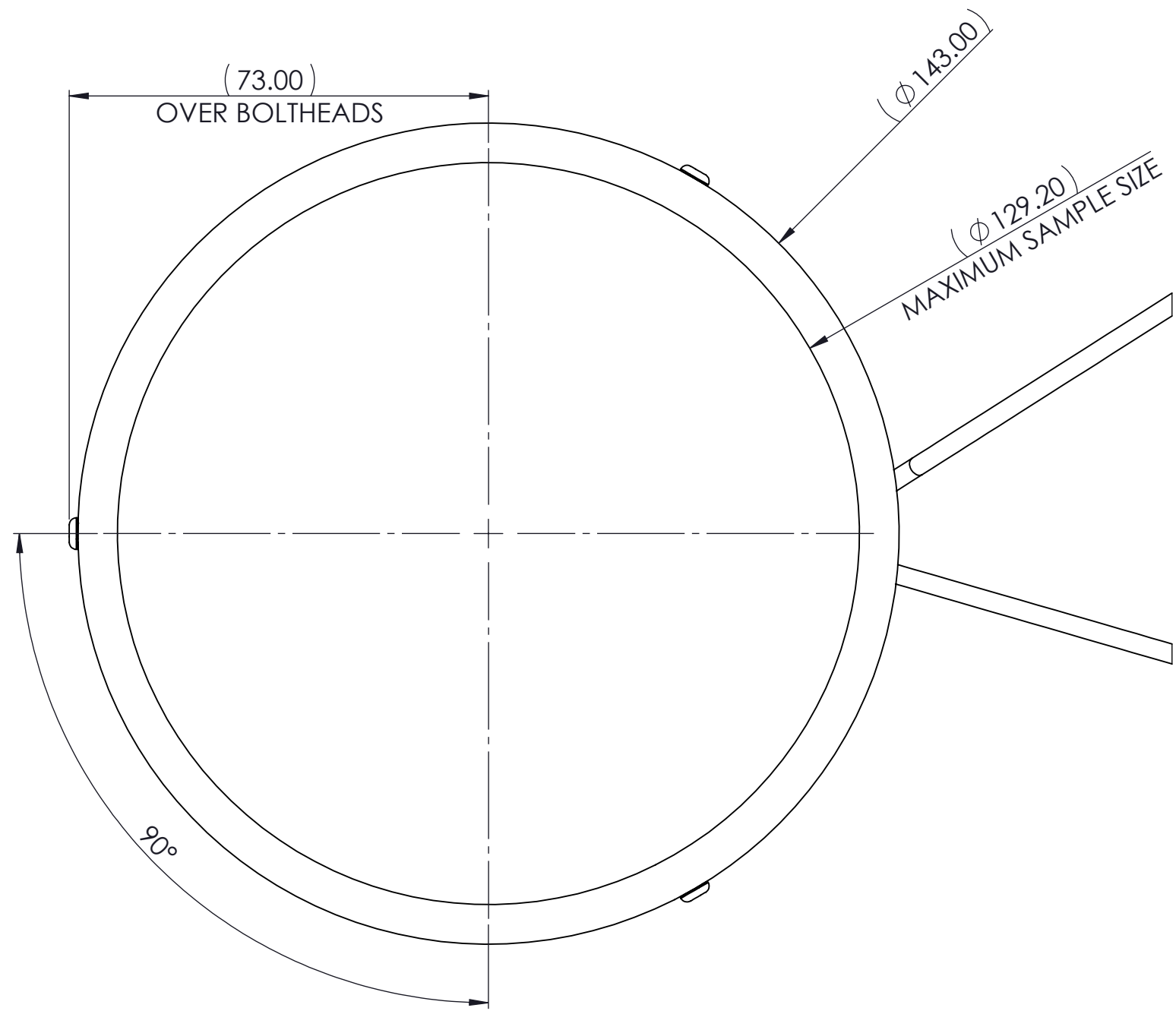




- NOTES
- 1 - K TYPE THERMOCOUPLE 0.5M FIBERGLASS INSULATED
 - 2 - 0.5M FISH SPINE BEAD INSULATED COPPER POWER CABLES
 - 3 - BUILT WITH 3X M4 MALE TO FEMALE STANDOFFS
 - 4 - M6 STUD AND M6 NUT TO BE PACKED SEPARATELY

4	ECN 0851	BS
	Update hot zone size to suit range	
NO.	REVISION DESCRIPTION	BY
©THERMIC EDGE		
NOTE: THIS DRAWING CONTAINS PROPRIETARY INFORMATION WHICH MAY NOT BE DISCLOSED TO OTHERS NOR USED FOR MANUFACTURE WITHOUT WRITTEN PERMISSION FROM THERMIC EDGE.		

DEBURR ALL SHARP EDGES ALL SURFACES TO BE FREE FROM NICKS AND SCRATCHES				
TOLERANCES (EXCEPT AS NOTED):				
DIM	UNDER 250mm	250-500mm	500-1500mm	ABOVE 1500
X =	±0.5mm	±1.0mm	±1.5mm	±2.0mm
X.X =	±0.2mm	±0.5mm	±0.75mm	±1.5mm
X.XX =	±0.1mm	±0.2mm	±0.4mm	±0.75mm

HEATER SPECIFICATION

HEATER/STAGE DETAILS

HEATER TYPE:	Nickel Chrome
TOP PLATE TEMPERATURE:	800°C
ENVIRONMENT:	HIGH VACUUM, O2, INERT
ELEMENT:	NiCr
THERMOCOUPLE:	TYPE K
UNIFORMITY:	N/A
SUBSTRATE:	N/A
LEAK RATE:	N/A

ELECTRICAL

HEATER COLD RESISTANCE:	APPROX. 15.6Ω
RAMP RATE:	45°C / MIN
POWER REQUIREMENTS:	APPROX. 80V 7A
CABLE LENGTH & INSULATION:	THERMOCOUPLE FIBREGLASS INSULATED, COPPPER POWER CABLES INSULATED WITH CERAMIC FISH SPINE BEADS (NOT SHOWN)

COOLING

WATER COOLING:	N/A
GAS COOLING:	N/A

EXTRAS

ROTATION SPEED:	N/A
BIAS TYPE & POWER:	N/A
TRAVEL DISTANCE:	N/A
ADDITIONAL EXTERNAL HEAT SHIELDING:	N/A

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TN38 9RT
UNITED KINGDOM

SCALE: 1:1	DRAWN: GW	CHECKED: PB	PAGE 1 OF 1
A1	DATE: 12 Aug 24	DATE: 01 Sep 25	
TITLE: 5 INCH NICR HEATER WITH M4 MALE TO FEMALE STANDOFFS			
DWG NO: HCM6-NCR-05-GA			REVISION: 4