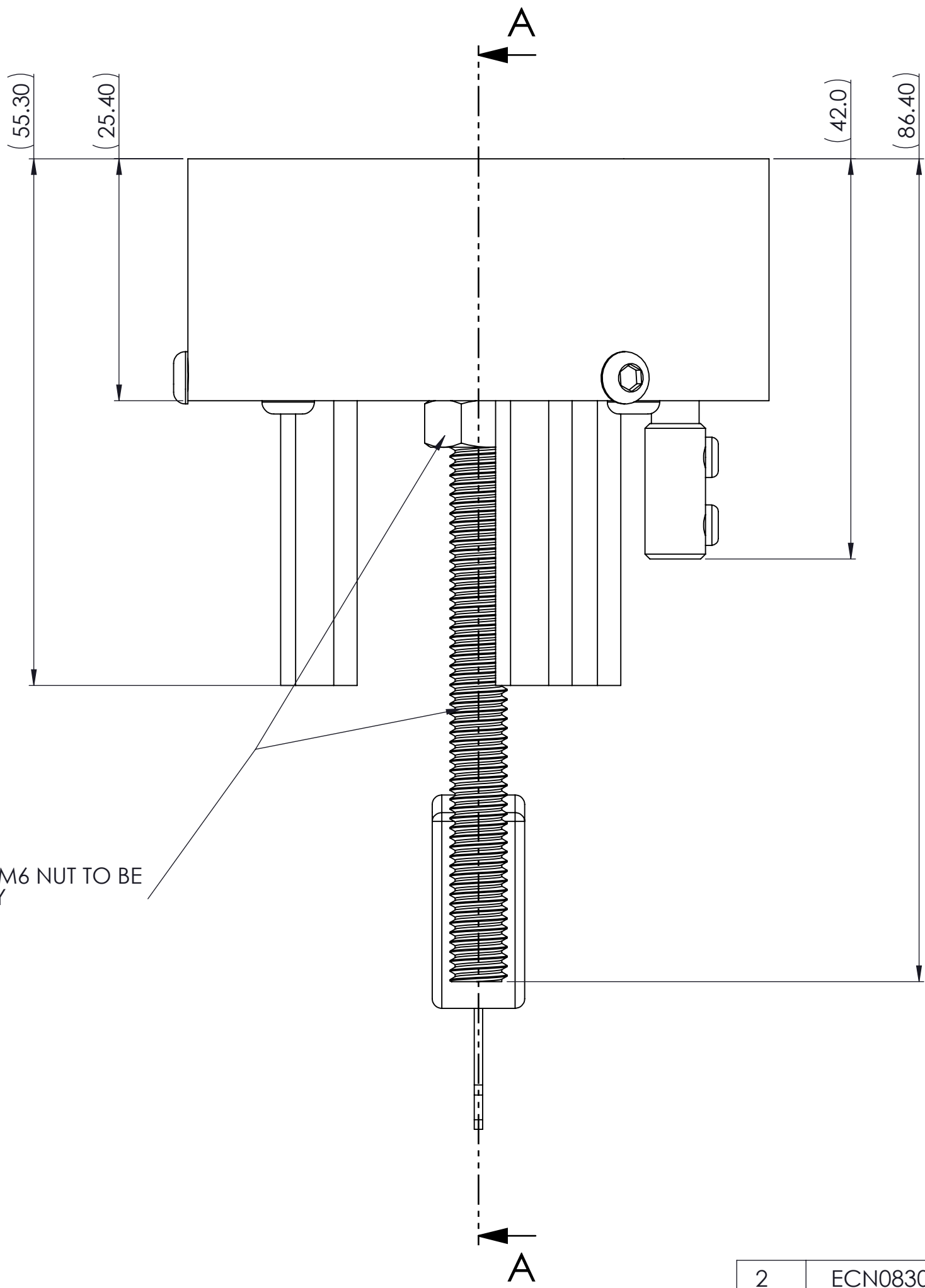
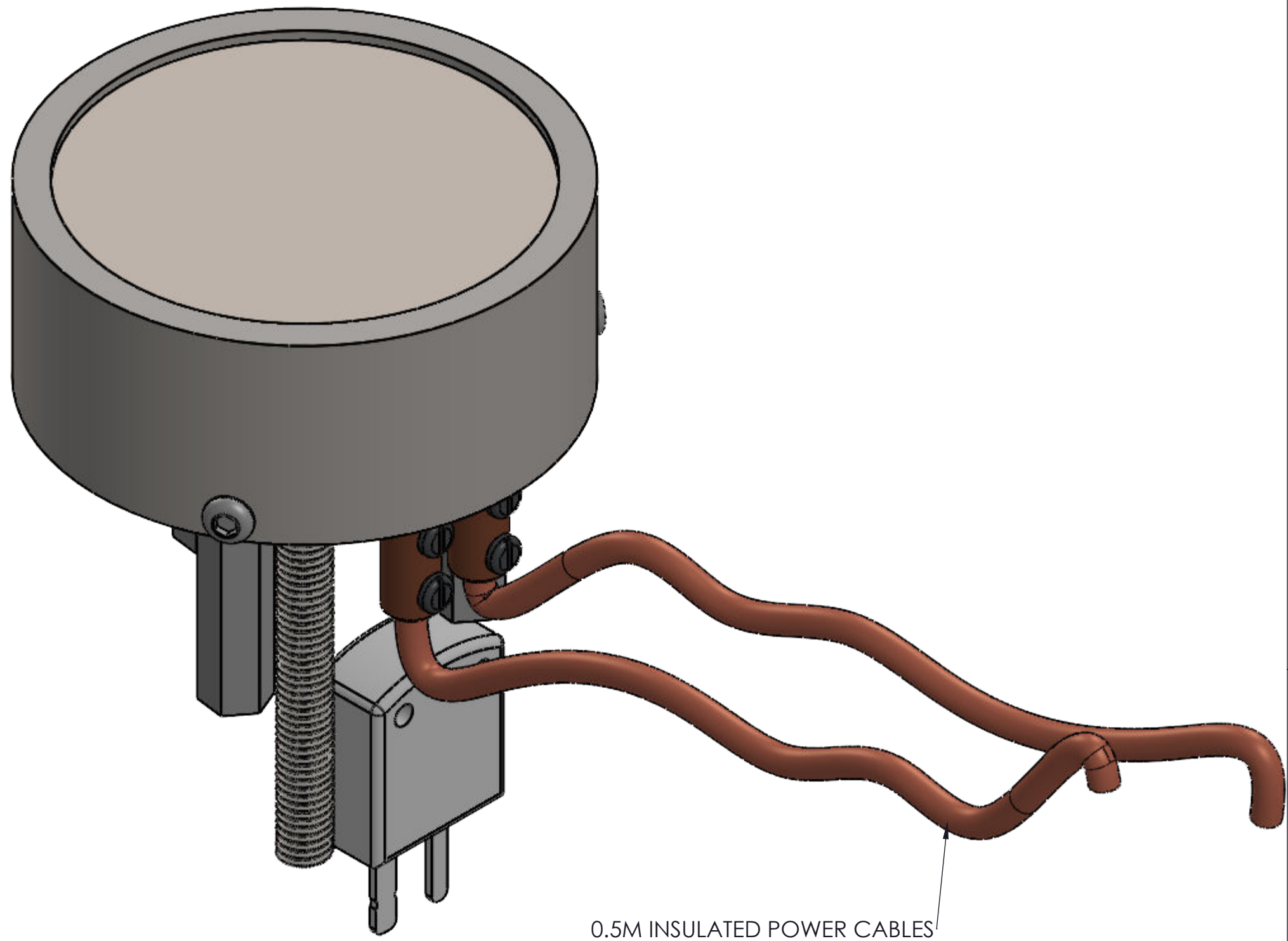
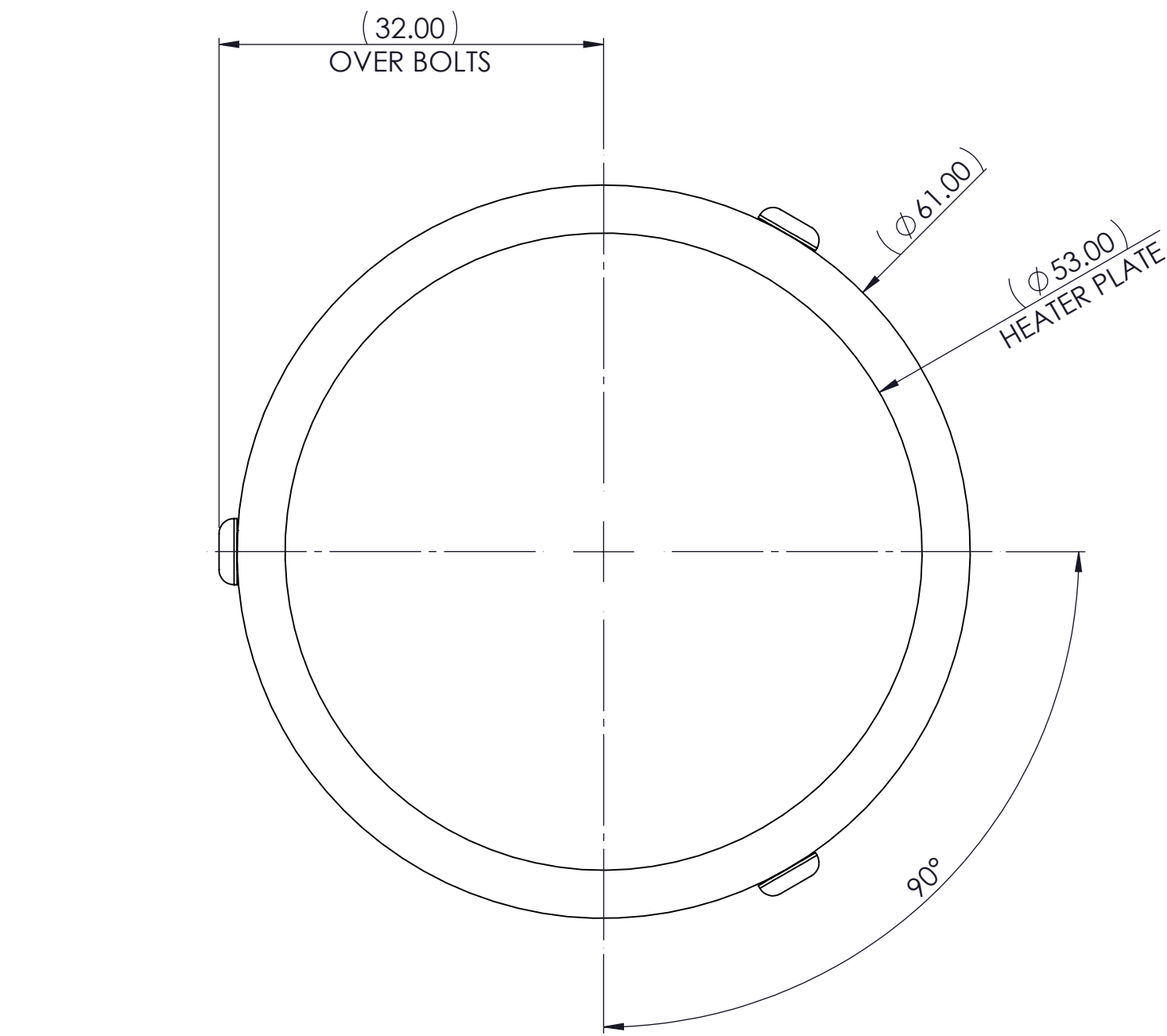
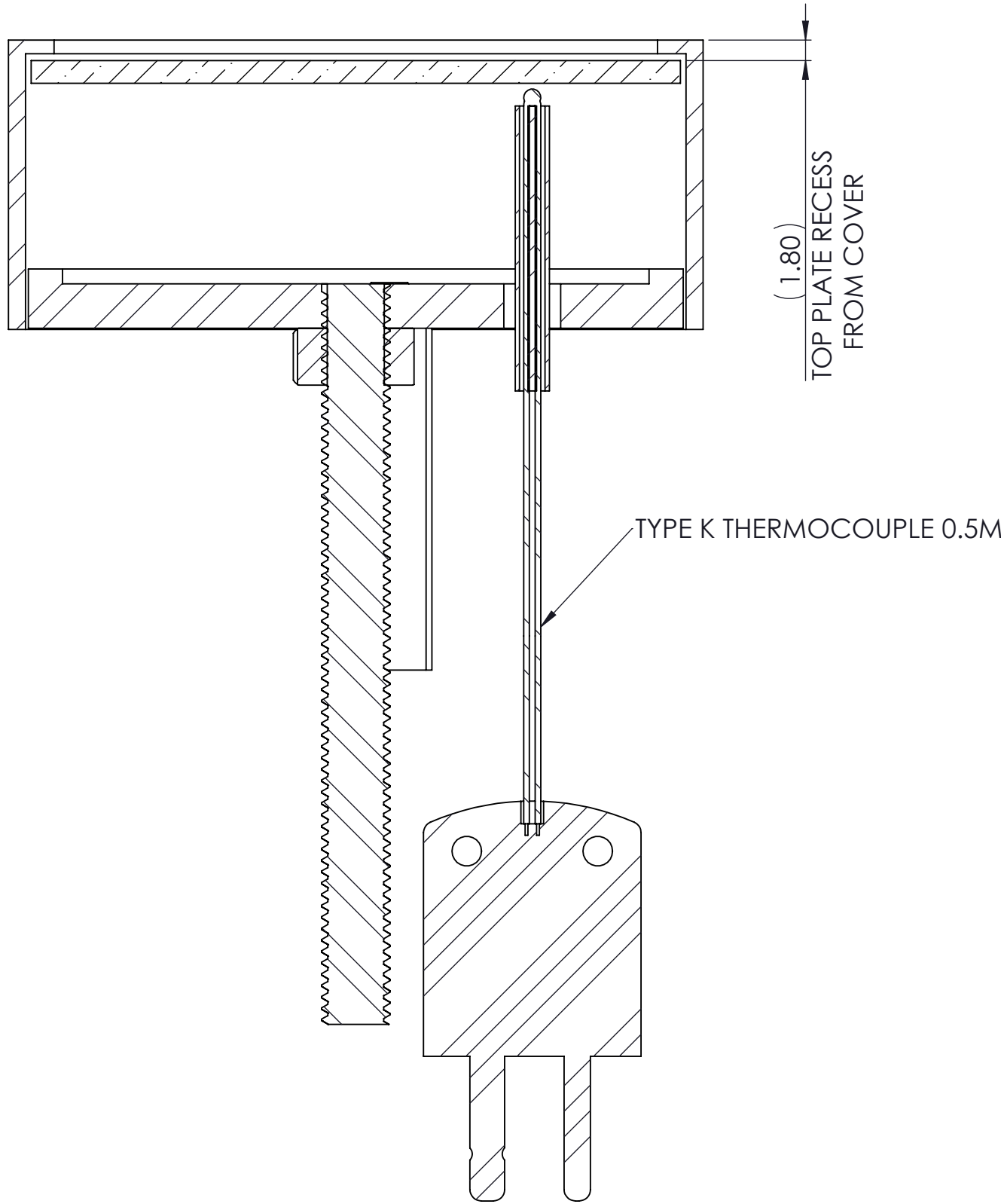




1X M6 STUD AND 1X M6 NUT TO BE
PACKED SEPARATELY



SECTION A-A

2	ECN0830	MB
	Reattached dim after stand off change on sub level	
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):		ANGULAR: ± 30'		
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:	SUBSTRATE HEATER
TOP PLATE TEMPERATURE:	800°C
ENVIRONMENT:	AIR AND HIGH VACUUM
ELEMENT:	NiCr
THERMOCOUPLE:	TYPE K
UNIFORMITY:	N/A
SUBSTRATE:	N/A
LEAK RATE:	N/A

ELECTRICAL

HEATER COLD RESISTANCE:	APPROX. 2.0Ω
RAMP RATE:	50°C/MIN
POWER REQUIREMENTS:	APPROX. 16V, 10A
CABLE LENGTH & INSULATION:	THERMOCOUPLE FIBRE GLASS INSULATED, POWER CABLES CERAMIC FISH BEADS INSULATED (NOT SHOWN)

COOLING

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

EXTRAS

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

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Vacuum Heating Technology

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EAST SUSSEX
TN38 9RT
UNITED KINGDOM

SCALE: 2:1	DRAWN: GW	CHECKED: BS	PAGE 1 OF 1
A1	DATE: 19 Jun 24	DATE: 10 Jul 25	
TITLE: 2 INCH NICR HEATER WITH M4 MALE TO FEMALE STANDOFFS			
DWG NO: HCM6-NCR-02-GA			REVISION: 2