



- 1 - MOLYBDENUM SAMPLE CLIPS.
- 2 - LEVEL ADJUSTER.
- 3 - K TYPE THERMOCOUPLE, 0.5M LONG INSULATED AS STANDARD..
- 4 - 6MM SHAFT, THREADED M6x1.0, 15MM LONG.
- 5 - 25 X 50MM HOT ZONE.
- 6 - POWER CONNECTIONS, 0.5M CABLE SUPPLIED AS STANDARD.

HEATER/STAGE DETAILS

ENVIRONMENT:

LEAK RATE: N/AMAXIMUM TEMPERATURE

TOP PLATE: 1200°C

SUBSTRATE: N/A

ELEMENT: CCC

ELECTRICAL

HEATER COLD RESISTANCE: 0.59Ω

RAMP RATE: 150°C/MIN

POWER REQUIREMENTS: 20V, 30A

CABLE LENGTH & INSULATION 0.5M IN VACUUM

EXTRAS

ROTATION SPEED: N/A

BIAS TYPE & POWER: N/ATRAVEL DISTANCE: N/A

GAS COOLING: N/A



2	ECN 0553	PB
	NOTE 5 ADDED ON SHEET 3. BOM TABLE PART REVISIONS UPDATED	
NO.	REVISION DESCRIPTION	BY
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DEBURR ALL SHARP EDGES ALL SURFACES TO BE FREE FROM NICKS AND SCRATCHES				
TOLERANCES (EXCEPT AS NOTED):			ANGULAR: $\pm 30^\circ$	
DIM	UNDER 250mm	250-500mm	500-1500mm	ABOVE 1500
X =	$\pm 0.5\text{mm}$	$\pm 1.0\text{mm}$	$\pm 1.5\text{mm}$	$\pm 2.0\text{mm}$
X.X =	$\pm 0.2\text{mm}$	$\pm 0.5\text{mm}$	$\pm 0.75\text{mm}$	$\pm 1.5\text{mm}$
X.XX =	$\pm 0.1\text{mm}$	$\pm 0.2\text{mm}$	$\pm 0.4\text{mm}$	$\pm 0.75\text{mm}$

sales@thermic-edge.com
Tel: +44 (0)1424 850811



Thermic Edge

30 Brunel Rd.
St. Leonards On Sea
EAST SUSSEX
TN38 9RT
UNITED KINGDOM

SCALE: 2:1	DRAWN: AC	CHECKED: AC	PAGE 1 OF 1
A1	DATE: 02/09/2019	DATE: 04/01/2023	
TITLE:			
CCC NANOHEATER 25X50 SAMPLE			
DWG NO:			REVISION:
A001-02-002			2