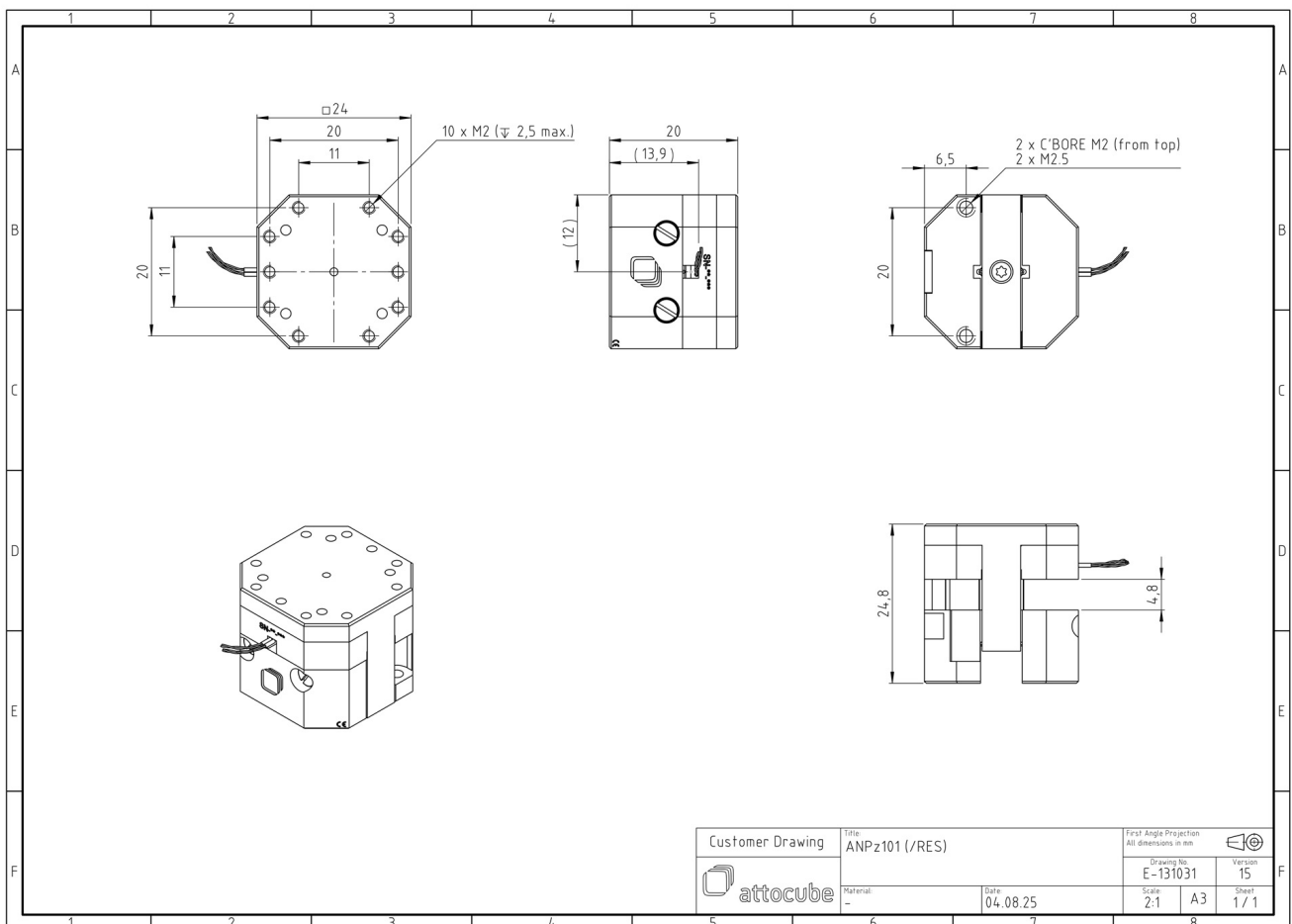


ANPz101/UHV - linear z-nanopositioner

1001483

Technical Specifications

Size and Dimensions	
footprint; height	24 mm x 24 mm; 20 mm
maximum installation space	24 mm x 24 mm; 25 mm
weight	36 g
height	20 mm
cable	30 cm cable with connector
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Coarse Positioning Mode	
travel range (step mode)	5 mm
maximum drive velocity @ 300 K	~ 3 mm/s
input voltage range	0 - 60 V
Fine Positioning Mode	
fine linear positioning range @ 300 K	3.5 μ m
fine positioning resolution	sub-nm
input DC voltage range @ 300 K	0 - 100 V
Load (@ ambient conditions)	
maximum load	200 g
maximum dynamic force along the axis	5 N
General Specifications	
environment	/UHV



Customer Drawing	Title: ANPz101 (/RES)	First Angle Projection All dimensions in mm
	Material: -	Drawing No: E-131031
	Date: 04.08.25	Version: 15
		Scale: 2:1
		A3
		Sheet: 1 / 1