

# ANSz50/HV z-Scanner made from Titanium

1002602

## Technical Specifications

Size and Dimensions	
footprint; height	15 mm x 15 mm; 6 mm
maximum installation space	15 mm x 15 mm; 6 mm
weight	4.5 g
Materials	
positioner body	titanium
actuator	PZT ceramics
connecting wires	insulated twisted pair, copper
Coarse Positioning Mode	
input voltage range	0 - 60 V
Fine Positioning Mode	
fine linear positioning range @ 300 K	4.3 $\mu\text{m}$
fine positioning resolution	sub-nm
typical actuator capacitance fine @ 300 K	2.5 $\mu\text{F}$
input DC voltage range @ 300 K	0 - 60 V
Load (@ ambient conditions)	
maximum load	50 g

