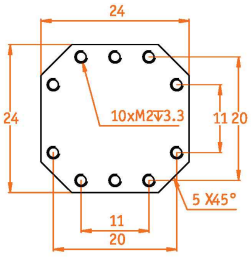
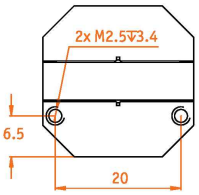
ANPz101/RT - linear z-nanopositioner

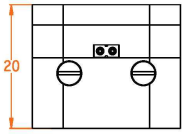
1001485

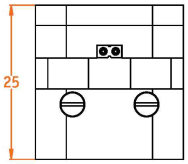
Technical Specifications

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
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 µm
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	/RT









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