

ECSz5050/AI/RT

1012108

Technical Specifications

Size and Dimensions	
footprint; height	50 mm x 50 mm; 32 mm
maximum installation space	50 mm x 50 mm; 40.5 mm
weight (aluminium version)	161 g
height	32 mm
Materials	
positioner body	aluminum
actuator	PZT ceramics
connecting wires	copper, jacket: RT: Teflon/PTFE
Coarse Positioning Mode	
travel range (step mode)	8 mm
maximum drive velocity @ 300 K	2 mm/s
input voltage range	0 - 45 V
Fine Positioning Mode	
fine linear positioning range @ 300 K	0.8 μ m
fine positioning resolution	sub-nm
input DC voltage range	0 - 45 V
Load (@ ambient conditions)	
maximum load	800 g
maximum dynamic force along the axis	8 N
General Specifications	
environment	/RT

