



Technical Description

General Specification	
Fullstroke(Travel length)	15.1 ±0.1 mm
Real stroke	15 mm
Dimension	40 x 40 x12 mm
Weight	44 g
Vertical load	≤ 10 g
Horizontal load (incl.topdown)	≤ 400 g
Holding force	> 250 gf
Speed(at Real stroke)	> 10 mm/s
Close loop Performance	
Resolution	0.1um with incremental encoding
Repeatability	± 2 um
Accuracy	± 10 um
Mechanical	
Static parallellism	≤ 10`
Pitch and Yaw	≤ 10`
Enviroment	
Relative Humidity	≤70%
Operation Temperature	-20°C to +70°C
Storage Temperature	-30°C to +80°C
Life time	1 Mio. Cycles (at real Stroke)
Electrical	
Controller	one channel drive board (PMC2001, PMC2002, PMC2109)
Host Interface	USB Adapter from PC
Input Power	5V DC (3W max.)

Application example

