

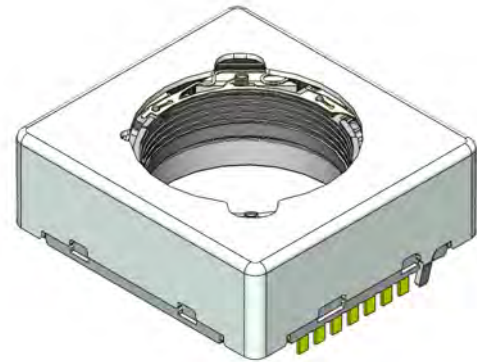
OIS Actuator

ASAL76B0-A3



Features

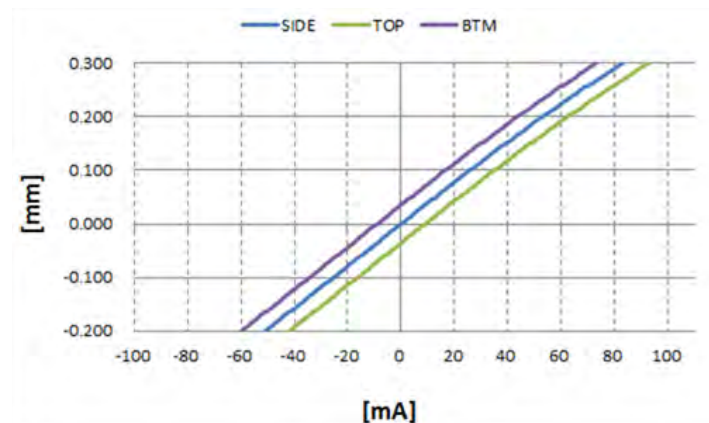
1. Small actuator for auto focusing and optical image stabilization of compact camera module
2. Precision assembly technology for high reliability
3. Low profile lens barrel adjustment system
4. Movement in X, Y and Z axes
5. Precise lens driving ability
6. Internal position sensor



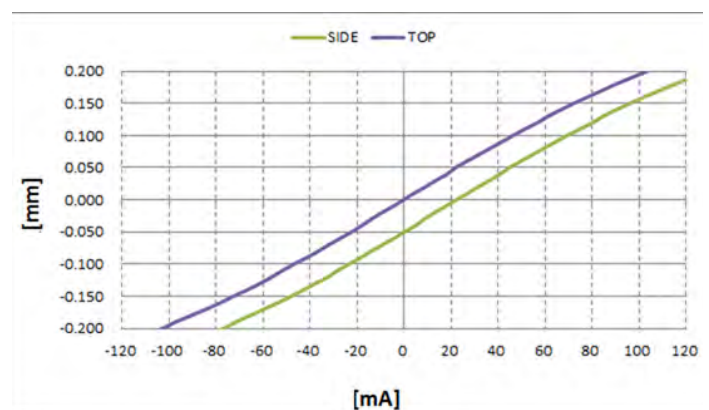
Specifications

Size	10.6 x 11.0 x 3.6mm	
Barrel Size / Weight	Φ6.50mm / 18mg	
AF System		
Resistance	~19.04Ω	
Stroke/Current	Up (+)	+250μm / +55.8mA
	Down (-)	-80μm / -16.2mA
Sensitivity	~3.80μm/mA	
Posture Dependency	~35.4μm	
Linearity	~5.9μm	
Resonance Frequency	~83.7Hz	
Rated Current	100mA	
IC Input Voltage (assumed)	2.85V	
OIS System		
Resistance (with FPC)	~19.38Ω	
Stroke / Current	+/- 120μm / 56.3mA	
Sensitivity	~2.13μm/mA	
Posture Dependency	~50.2μm	
Hall Linearity	~0.4μm	
Resonance Frequency	~70.4Hz	
Rated Current	105mA	
IC Input Voltage (assumed)	2.85V	

Characteristics - AF System

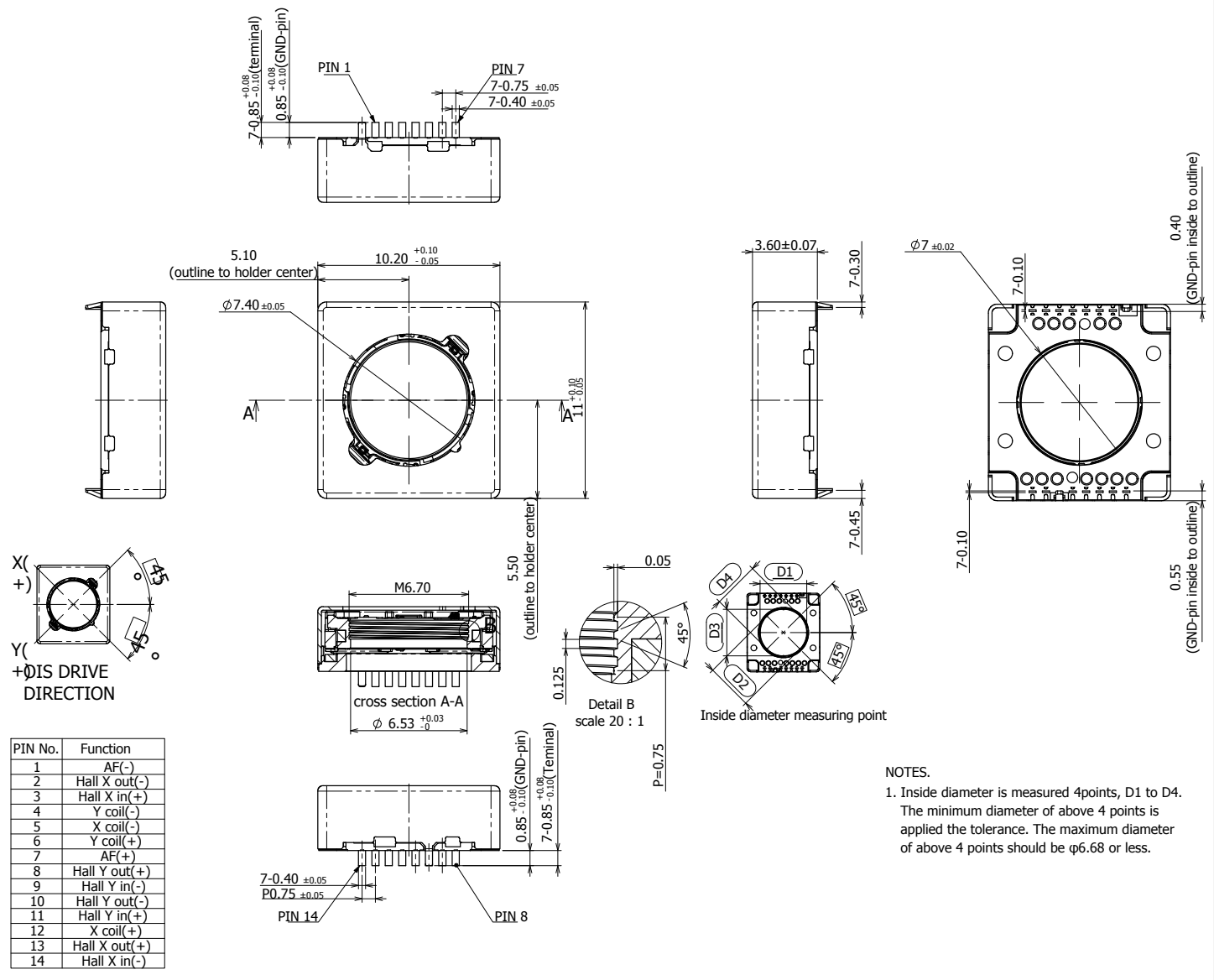


Characteristics - OIS System



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 • The details listed here are not a guarantee of the individual products at the time of ordering. When using the products, you will be asked to check their specifications.

Dimensions



Unit: mm

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