

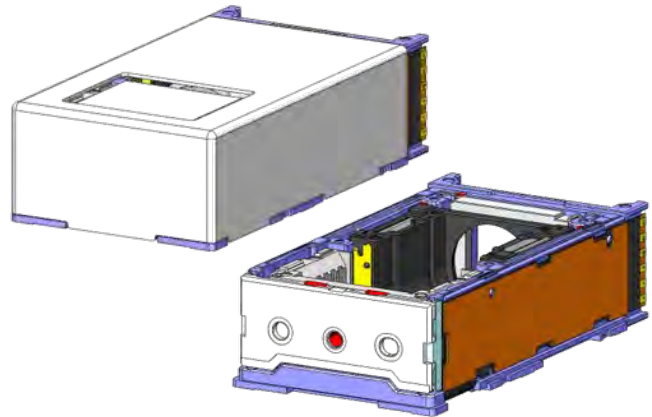
Folded OIS Actuator

ASTC13-RG



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

Outline Size (no cover)	13.3 x 22.5 x 6.7mm
Barrel Size / Weight	Φ6.7-h6.0mm / 200mg
Structure (separate or integrated)	Integrated type (lens + prism)
Prism	7.6 x 6.05 x 5.87mm
Pin Assignment	6+6=12pin

AF System	
Control	Closed loop; Hall with driver
Rated Stroke (range)	> 650μm
Mechanical Stroke	~750μm
Moving Tilt @CL	< 8 min
Hall Linearity @CL	< 12μm

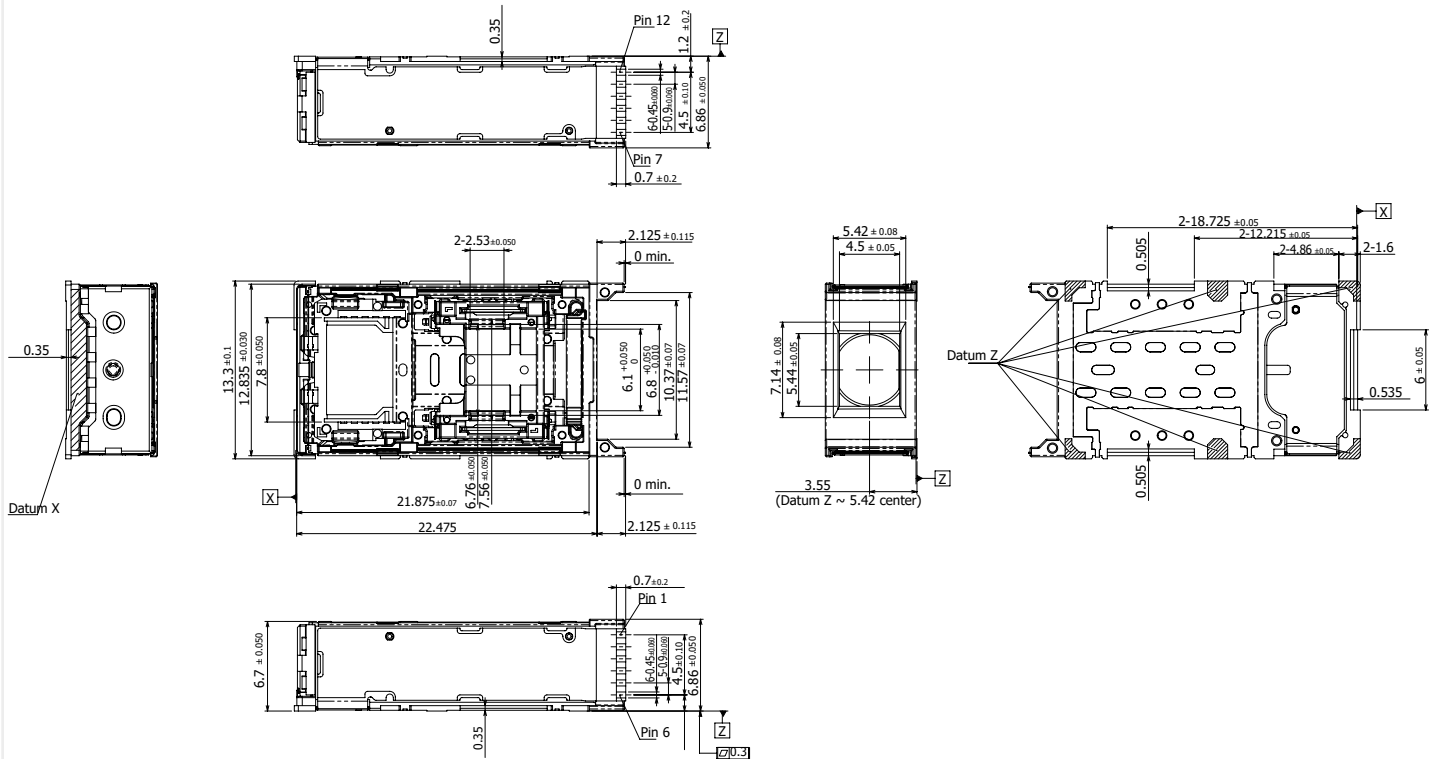
OIS System	
Control	Closed loop; Hall; X/Y 2pcs w/ OIS-driver
Rated Stroke	X: ±1.25deg Y: ±0.75deg
Correction Angle	X,Y > ±1deg
Hall Linearity @CL	X: within ±5min Y: within ±3min
Hall Crosstalk @CL	X: within ±3min Y: within ±1.5min

- Any products mentioned in this catalog are subject to any modification in their appearance and others for improvements without prior notification.
- 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.

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Dimensions



No.	PIN Assign
1	VCM_VDD
2	VCM_GND
3	DOVDD 1V8
4	AGND
5	SCL
6	SDA
7	SPI_MISO
8	SPI_MOSI
9	SPL_SCL
10	SPL_CS
11	AVDD
12	AGND

Unit: mm

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