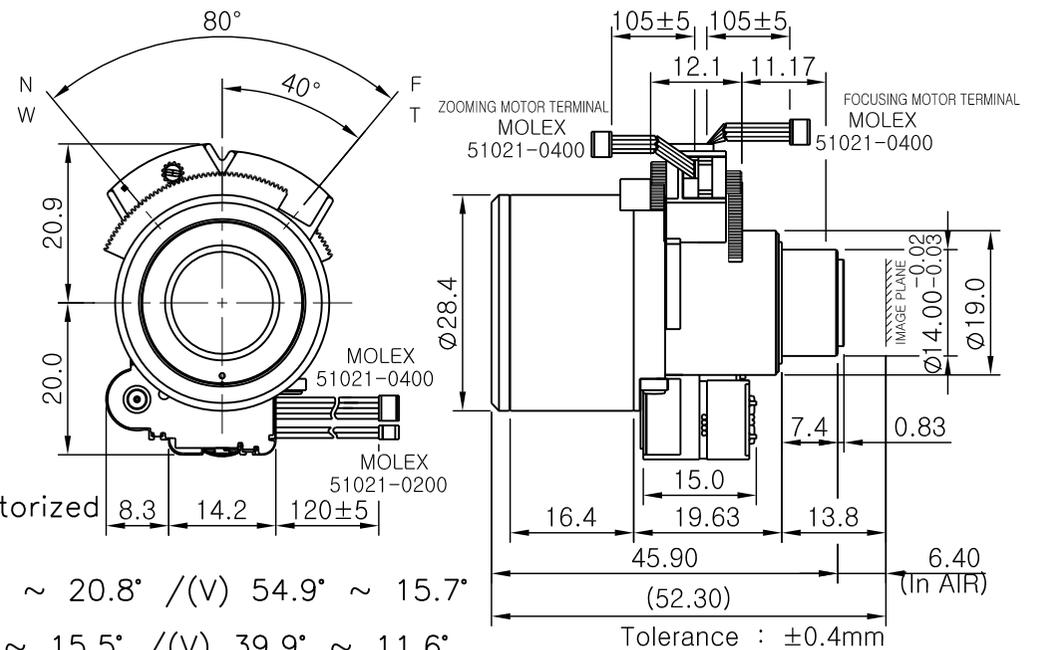


# SPECIFICATION

MODEL : VIR36160 MASDN1Z-P-Ø14

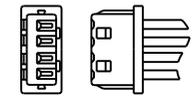
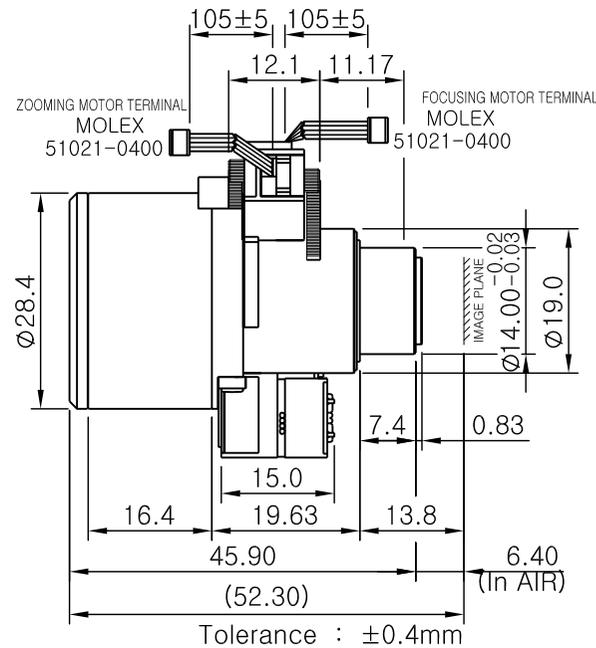
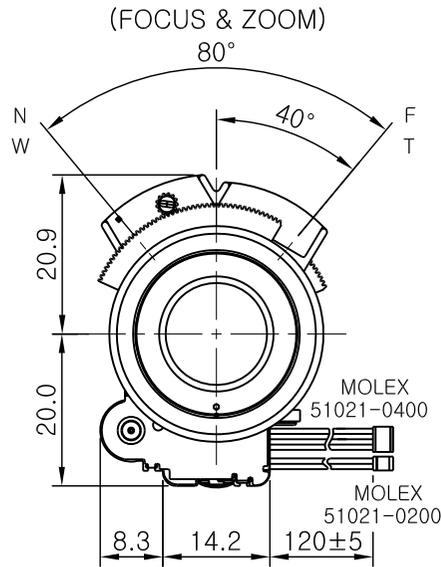
1. Focal Length : 3.6 ~ 16.0 mm
2. Back Focal Length : 6.15 ~ 16.11 mm
3. Optical Distortion : 1/3" -35.64 ~ -1.87%  
1/4" -17.71 ~ -1.03%
4. Aperture Ratio : 1.2 ~ ∞
5. Max. Image Format : 4.90 x 3.69 mm (ø6.13mm)
6. Operation : Iris / Auto(DC Type), Focus & Zoom / Motorized
7. Angle of View : (1/3" CCD) (D)100.0° ~ 26.1° /(H)75.4° ~ 20.8° /(V) 54.9° ~ 15.7°  
(1/4" CCD) (D)69.4° ~ 19.4° /(H)54.2° ~ 15.5° /(V) 39.9° ~ 11.6°
8. Lens Construction : 8 Components 8 Elements
9. Weight : 32.5g



DAIWON OPTICAL CO., LTD.

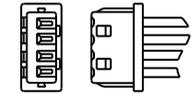
# SPECIFICATION

MODEL : VIR36160 MASDN1Z-P- $\varnothing$ 14



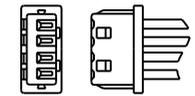
FOCUSING MOTOR (4 PIN)

1	ORANGE	B	COIL (28.5 $\Omega$ )	2.6V ~ 4.8V /23°C
2	BROWN	A		
3	YELLOW	$\bar{B}$	COIL (28.5 $\Omega$ )	2.6V ~ 4.8V /23°C
4	RED	$\bar{A}$		



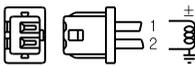
ZOOMING MOTOR (4 PIN)

1	ORANGE	B	COIL (28.5 $\Omega$ )	2.6V ~ 4.8V /23°C
2	BROWN	A		
3	YELLOW	$\bar{B}$	COIL (28.5 $\Omega$ )	2.6V ~ 4.8V /23°C
4	RED	$\bar{A}$		



IRIS MOTOR (4 PIN)

1	WHITE	+	CONTROL	3.5V ~ 5V /20°C
2	BLACK	-	COIL (465 $\Omega$ )	
3	RED	+	DRIVE	3.5V ~ 5V /20°C
4	GREEN	-	COIL (190 $\Omega$ )	



IR CUT FILTER MOTOR (2 PIN)

1	YELLOW	$\pm$	DRIVE	IR Cut Filter IN→OUT 3.5V~5V OUT→IN -5V~-3.5V
2	BROWN	$\mp$	COIL (190 $\Omega$ )	

FOCUSING AND ZOOMING MOTOR  
EXCITING PATTEN OF CLOCKWISE ROTATION

STEP	A	$\bar{A}$	B	$\bar{B}$
0	H	L	H	L
1	L	H	H	L
2	L	H	L	H
3	H	L	L	H
WIRE	BROWN	RED	ORANGE	YELLOW

DAIWON OPTICAL CO., LTD.