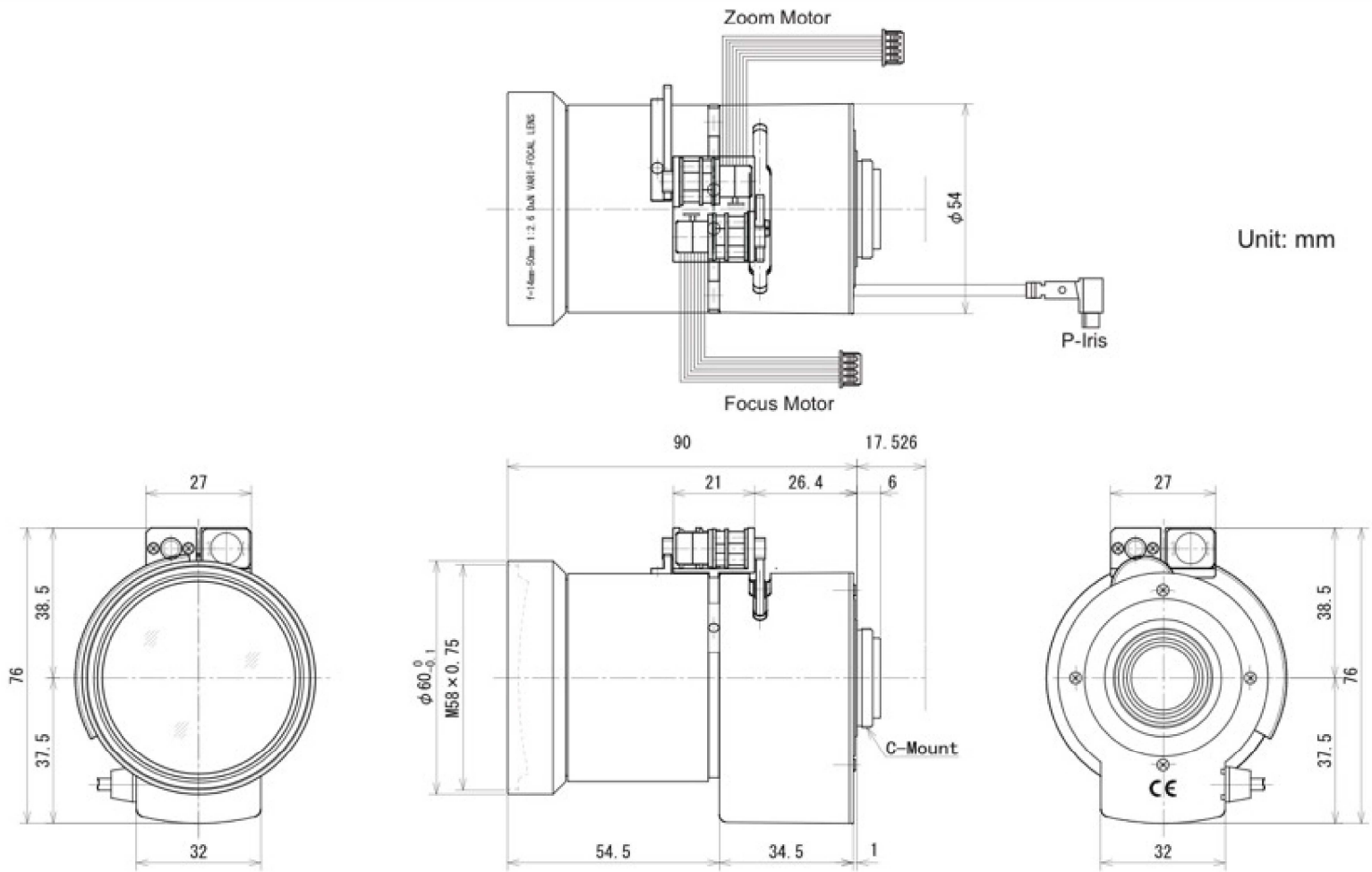


VT4Z1450MFZ PT

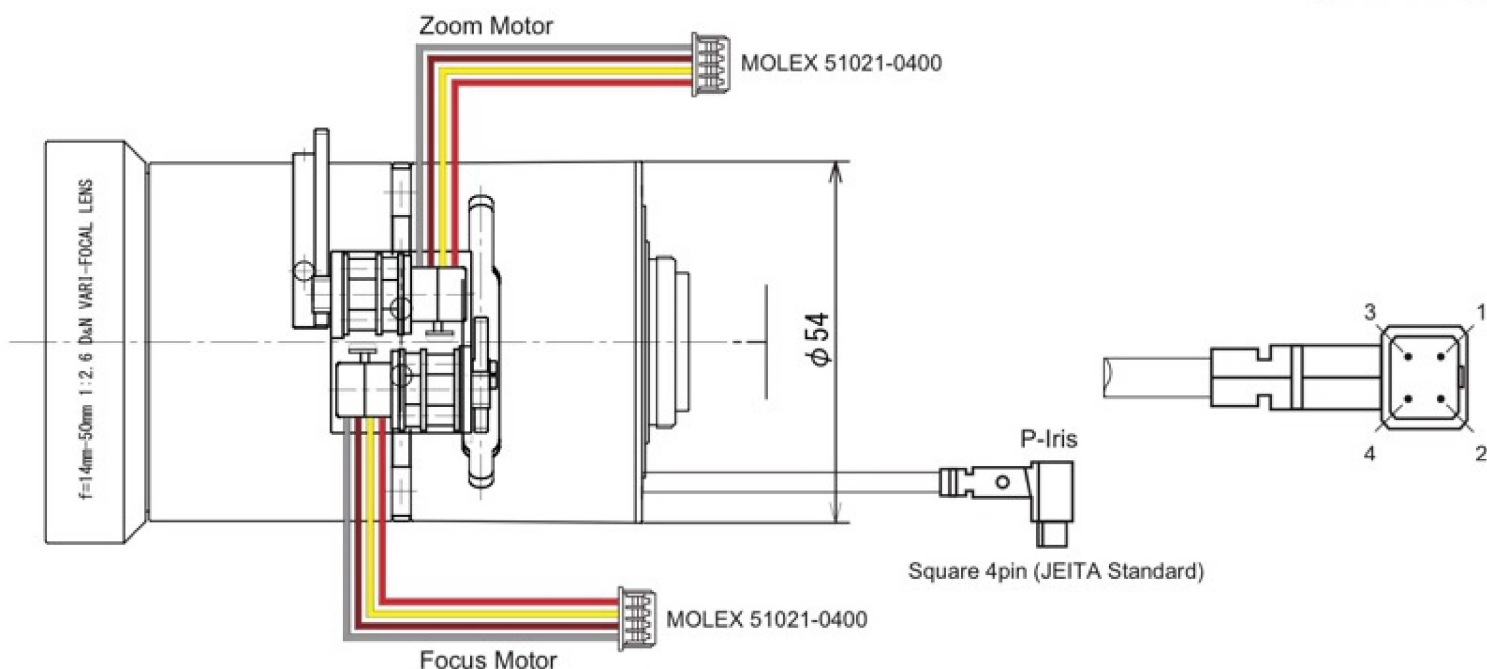
1inch 14-50mm

Motor drive Focus & Zoom 6 to 8MP- IR-Corrected



Unit: mm

Image Format	1-inch
Focal Length	14-50 mm
Relative Aperture	F=1:2.6
Iris Range	2.6 to 16
Angular Field of View	f14 mm 50.5° x 38.0° f50 mm 14.5° x 11.1°
Resolution	6 to 8MP
IR-Correction	Supported
M.O.D.(Minimum Object Distance)	1.2 m
Back Focal Length	13.995 mm
Flange Back	17.526 mm
Operation	Focus Stepping motor Zoom Stepping motor Iris P-Iris
Lens Mount	C-mount
Filter Screw	M58 P=0.75
Dimensions	76.0 x 60.0 x 90.0 mm
Weight	430 g
Operating Temperature	-10 to +50 °C



■ Excitation Pattern of Focus and Zoom

Excitation pattern of CW rotation				
Step	A GRAY	$\bar{A}$ BROWN	B YELLOW	$\bar{B}$ RED
0	H	L	H	L
1	L	H	H	L
2	L	H	L	H
3	H	L	L	H

Near, Wide  
 ↑  
 ↓  
 Far, Tele

■ Excitation Pattern of P-Iris

			Close >>	Step	<< Open	
Pin No.	color	Phase	0	1	2	3
1	Yellow	A	H	L	L	H
2	Brown	$\bar{A}$	L	H	H	L
3	Red	B	H	H	L	L
4	Orange	$\bar{B}$	L	L	H	H

■ Specification of Focus and Zoom Motor

Motor Type	PM type stepping motor
No. of phases	2
Step angle	0.4132 degrees
coil resistance	35 $\Omega$
Excitation method	2 phase excitation bipolar method
Insulation resistance	1M $\Omega$
Operating voltage	3.0-5.0V
Operating temperature	-10 ~ 50°C
Max pull-out rate	800pps

■ Specification of P-Iris

Motor type	PM type stepping motor
Excitation method	2 phase bipolar drive
Number of steps	80
Operating voltage	DC3 to 5V
Coil resistance	33 $\Omega$
Application time	Within 30sec.
Holding voltage	0.5V
Pull-out rate	20 to 1,000 pps
Operating temperature	-10 to +50°