

SPEC. INFO	FL-CC1618-5MX	K66584-S001-B13
		Mar. 09. 2018

1. Model FL-CC1618-5MX
2. Application For 2/3 Format Camera

3. Specification

3-1. Physical (As per the attached drawing)

- (1) Dimensions ϕ 33.0 mm $\times$ 47.0 mm
- (2) Weight 80 g
- (3) Mount C-Mount (1 – 32 UN – 2A)
- (4) Filter Screw Size M30.5 mm, P = 0.5 mm

3-2. Optical

- (1) Focal Length 16 mm $\pm$ 5%
- (2) Max. Aperture Ratio 1: 1.8
- (3) Iris Range F / 1.8 to F / 16
- (4) Angle of View
 Diagonal 38.0°
 Horizontal 30.9°
 Vertical 23.4°
- (5) Picture format 8.8 mm $\times$ 6.6 mm
- (6) Focusing Range Inf. to 0.1 m
- (7) Back Focal Length 13.4 mm (in air)
- (8) Flange Back Length 17.526 mm $\pm$ 0.05 mm (in air)

3-3. Mechanical

(1) Focusing Mechanism

Rotation Angle 75°
 Rotation Torque 1.0N·cm to 9.0 N·cm
 Focus Ring can be fixed at any positions by
 3 fixing screws or 1 thumb screw (refer to external view)

(2) Iris Mechanism

Non-click
 Rotation Angle 83°
 Rotation Torque 0.01N·cm to 3.0 N·cm
 Iris Ring can be fixed at any positions by 3 fixing screws
 or 1 thumb screw (refer to external view)

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

Wave	Sine Wave
Acceleration	1.96 m/s ² to 59.78 m/s ²
Cycle Range	10 Hz to 55 Hz
Cycle Period	3 Minutes
Duration of Vibration	120 Minutes Respectively in Three Dimensional Directions

(2) Shock Conditions

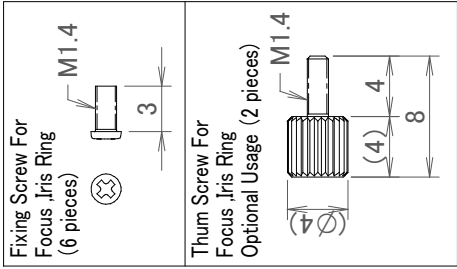
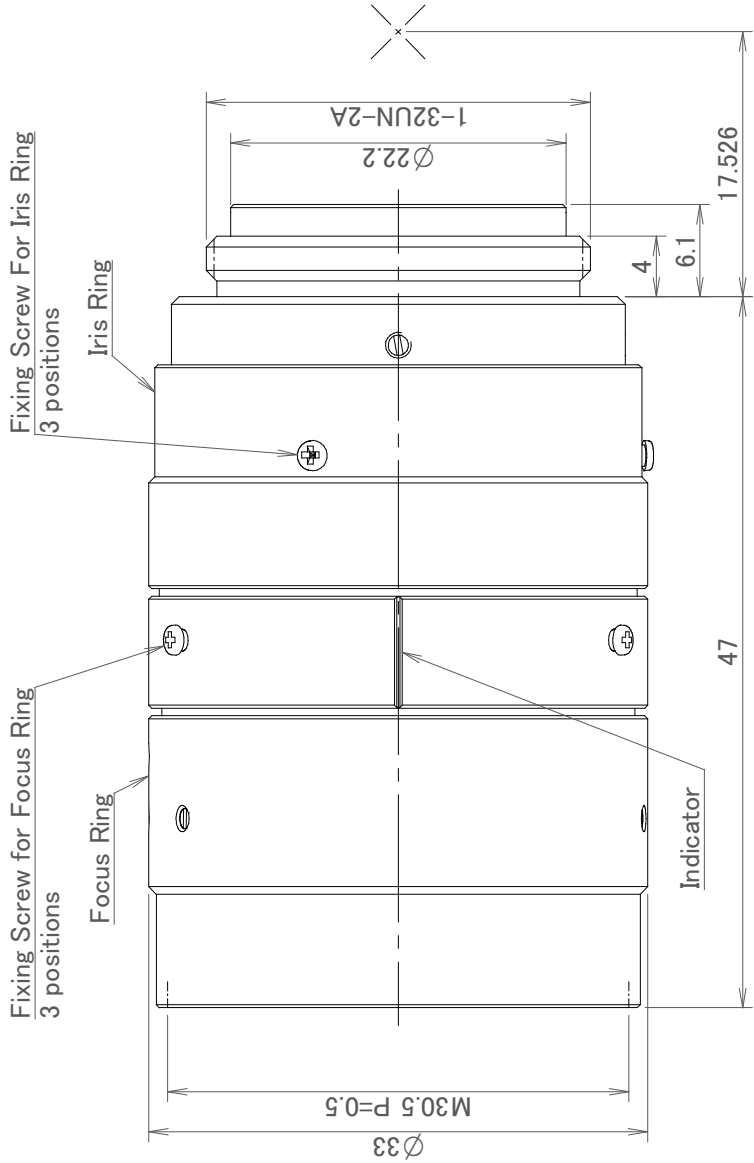
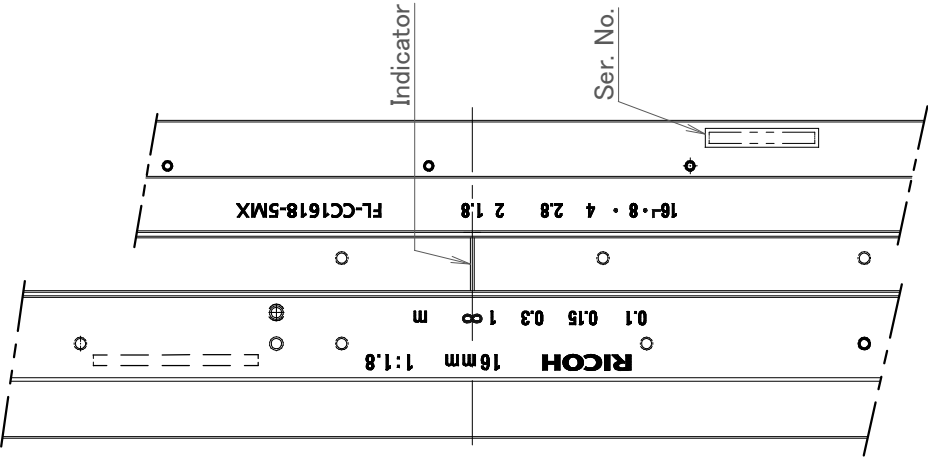
Tester	Shock Testing Machine by Dropping
Impact Force	588 m/s ²
Duration of Shock	3.5 ms
Directions & Number of Times	1 Time Respectively in Three Dimensional Directions

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3-5. Environmental Temperature Range -10°C to $+50^{\circ}\text{C}$

4. Accessories

(1) Front Lens Cap	1 piece	
(2) Rear Lens Cap	1 piece	
(3) Fixing Screw for Focus ,Iris Ring	6 pieces	
(4) Thumbscrew for Focus ,Iris Ring	2 pieces	(for Optional Usage)
(5) Packing Box	1 piece	



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