

SPEC. INFO	FL-CC1218-5MX	K66484-S001-B13
		Oct. 12. 2018

1. Model FL-CC1218-5MX
2. Application For 2/3 Format Camera

3. Specification

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

- (1) Dimensions $\phi 33.0 \text{ mm} \times 47 \text{ mm}$
- (2) Weight 85 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 12 mm $\pm 5\%$
- (2) Max. Aperture Ratio 1: 1.8
- (3) Iris Range F / 1.8 to F /16
- (4) Angle of View
- | | |
|------------|-------|
| Diagonal | 49.4° |
| Horizontal | 40.5° |
| Vertical | 30.9° |
- (5) Picture format 8.8 mm $\times$ 6.6 mm
- (6) Focusing Range Inf. to 0.1 m
- (7) Back Focal Length 23.2 mm (in air)
- (8) Flange Back Length 17.526 mm $\pm$ 0.05 mm (in air)

3-3. Mechanical

- (1) Focusing Mechanism
- | | |
|-----------------|--|
| Rotation Angle | 62° |
| 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

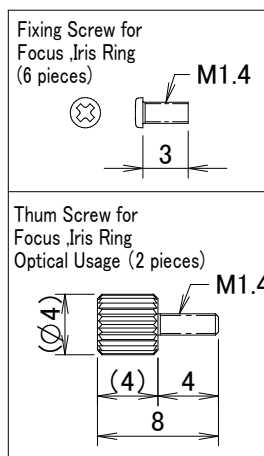
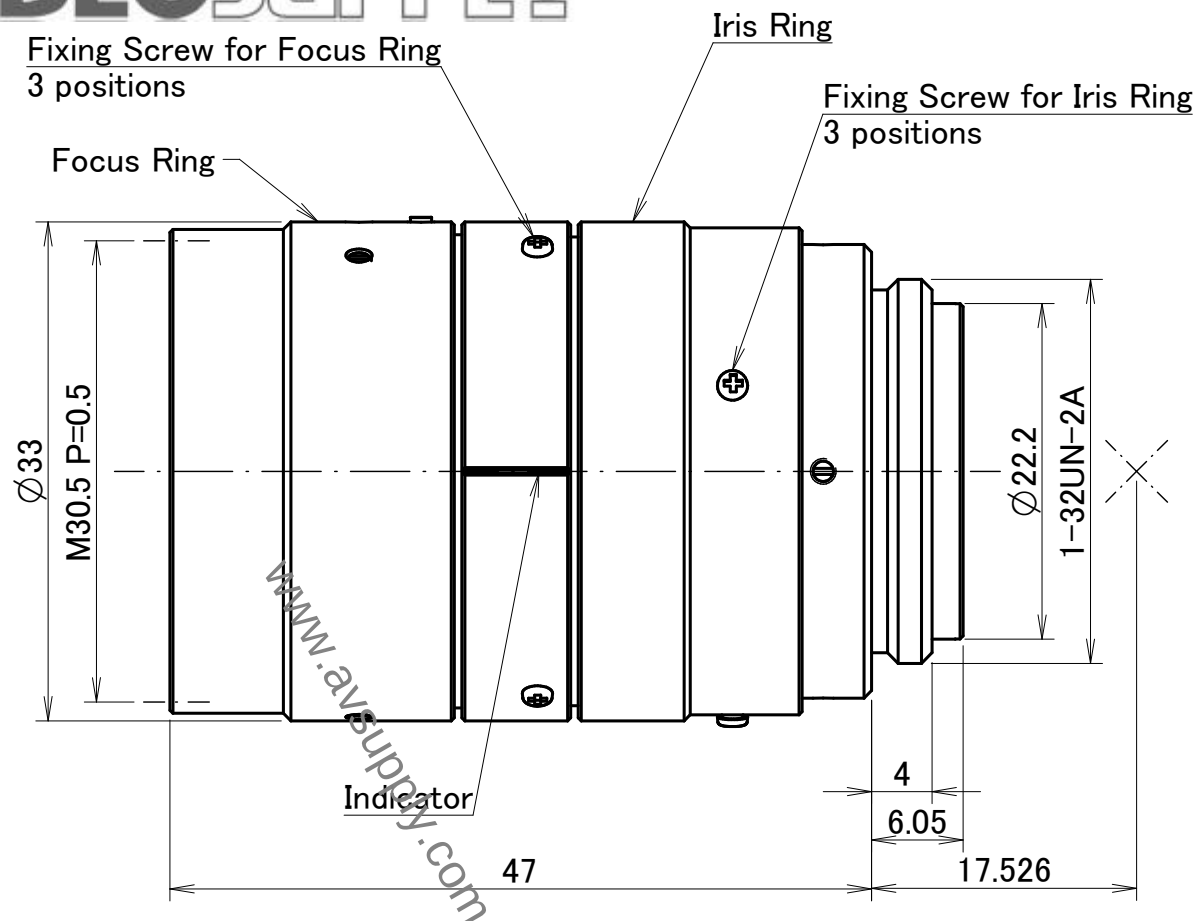
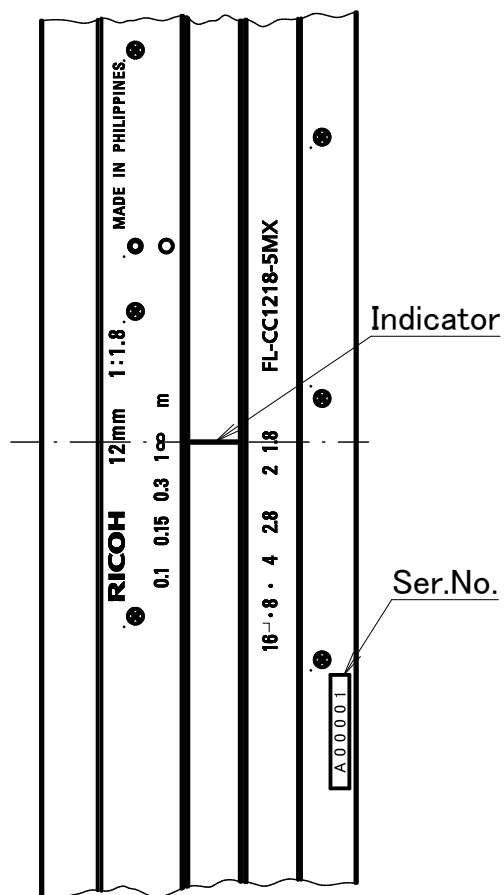
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3-5. Environmental Temperature Range -10°C to $+50^{\circ}\text{C}$

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 pieces	

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