

SPEC. INFO	FL-BC2518-9M	K65884-S001-B13
		Mar. 05. 2015

1. Model FL-BC2518-9M
2. Application For 1 Format Camera

3. Specification

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

- (1) Dimensions  $\phi 42.0 \text{ mm} \times 57.5 \text{ mm}$
- (2) Weight 149 g
- (3) Mount C-Mount (1 – 32 UN – 2A)
- (4) Filter Screw Size M40.5 mm , P = 0.5 mm

3-2. Optical

- (1) Focal Length 25 mm  $\pm 5\%$
- (2) Max. Aperture Ratio 1: 1.8
- (3) Iris Range F / 1.8 to F / 16
- (4) Angle of View  
 Diagonal 35.5°  
 Horizontal 28.8°  
 Vertical 21.8°
- (5) Picture format 12.8 mm  $\times$  9.6 mm
- (6) Focusing Range Inf. to 0.1 m
- (7) Back Focal Length 14.0 mm (in air)
- (8) Flange Back Length 17.526 mm  $\pm$  0.05 mm (in air)

3-3. Mechanical

- (1) Focusing Mechanism Straight Helicoid  
 Rotation Angle 244°  
 Rotation Torque 0.2N·cm to 10.0 N·cm  
 Focus Ring can be fixed at any positions by 3 fixing screws (A) or 1 thumb screw (refer to external view)
- (2) Iris Mechanism Non-click, Close-down  
 Rotation Angle 84°  
 Rotation Torque 0.01N·cm to 3.0 N·cm  
 Iris Ring can be fixed at any positions by 3 fixing screws (B) 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 <sup>2</sup> to 59.78 m/s <sup>2</sup>
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 <sup>2</sup>
Duration of Shock	3.5 ms
Directions & Number of Times	1 Time Respectively in Three Dimensional Directions

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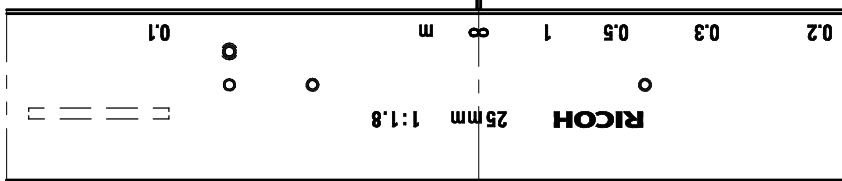
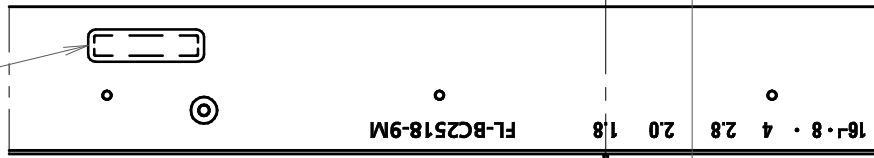
3-5. Environmental Temperature Range       $-10^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$

4. Accessories

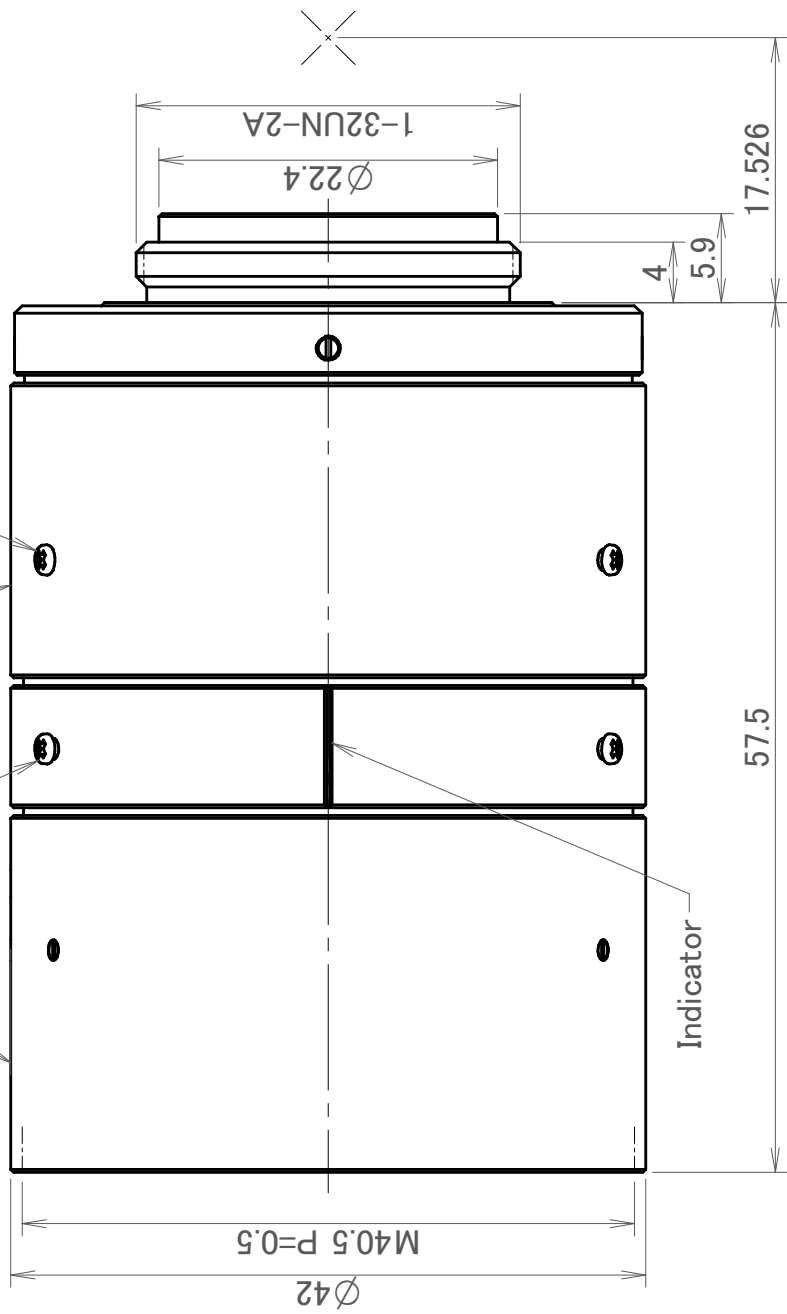
- |                                   |          |                      |
|-----------------------------------|----------|----------------------|
| (1) Front Lens Cap                | 1 piece  |                      |
| (2) Rear Lens Cap                 | 1 piece  |                      |
| (3) Fixing Screw ① for Focus Ring | 3 pieces |                      |
| (4) Fixing Screw ② for Iris Ring  | 3 pieces |                      |
| (5) Thumbscrew for Focus Ring     | 1 pieces | (for Optional Usage) |
| (6) Thumbscrew for Iris Ring      | 1 pieces | (for Optional Usage) |
| (7) Packing Box                   | 1 piece  |                      |

① Fixing Screw for Focus Ring  
3 positions

Ser. No.



② Fixing Screw for Iris Ring  
3 positions



<p>① Fixing Screw for Focus Ring (3 pieces)</p> <p>M1.4 3</p>	<p>② Fixing Screw for Iris Ring (3 pieces)</p> <p>M1.4 2.2</p>
<p>Thum Screw for Focus Ring (1 piece) Optimal Usage</p> <p>M1.4 4 8</p>	<p>Thum Screw for Iris Ring (1 piece) Optimal Usage</p> <p>M1.4 2.3 6.3</p>

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