

<b>SPEC. INFO</b>	<b>FL-CC2514-5M RC SPEC.</b>	3132501-S001-RC-B13
		Oct. 09. 2012

1. Model F L - C C 2 5 1 4 - 5 M
2. Application For 2/3 Format Camera

3. Specification

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

- (1) Dimensions  $\phi$  43 mm  $\times$  44 mm
- (2) Weight 130g
- (3) Filter Screw Size  $\phi$  40.5 mm, P=0.5 mm
- (4) Mount C-Mount (1-32UN-2A)

3-2. Optical

- (1) Focal Length 25 mm  $\pm$ 5%
- (2) Max. Aperture Ratio 1: 1.4  $\pm$ 5%
- (3) Iris Range F / 1.4 to F / 16
- (4) Angle of View
- |            |       |
|------------|-------|
| Diagonal   | 24.7° |
| Horizontal | 19.9° |
| Vertical   | 15.0° |
- (5) Picture format 8.8 mm  $\times$  6.6 mm
- (6) Minimum Object Distance Inf. to 0.1m (from front edge of barrel)
- (7) Back Focal Length 12.3mm (in Air)
- (8) Flange Back Length 17.526 mm  $\pm$ 0.05mm (in Air)

3-3. Mechanical

- (1) Focusing Mechanism Straight Helicoid
- Rotation Angle 221.0°
- Rotation Torque 1.0 N·cm to 7.0 N·cm
- Focus Ring can be fixed at any positions by 3 fixing screws <sup>Ⓐ</sup> (refer to external view)
- (2) Iris Mechanism Non-click
- Rotation Angle 90.1°
- Rotation Torque 0.2 N·cm to 4.0 N·cm
- Iris Ring can be fixed at any positions by 3 fixing screws <sup>Ⓑ</sup> (Refer to external view)

3-4. Vibration Test Standard

(1) Vibration Conditions

Wave	Sine Wave
Acceleration	1.96 m/s <sup>2</sup> ~ 59.78m/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

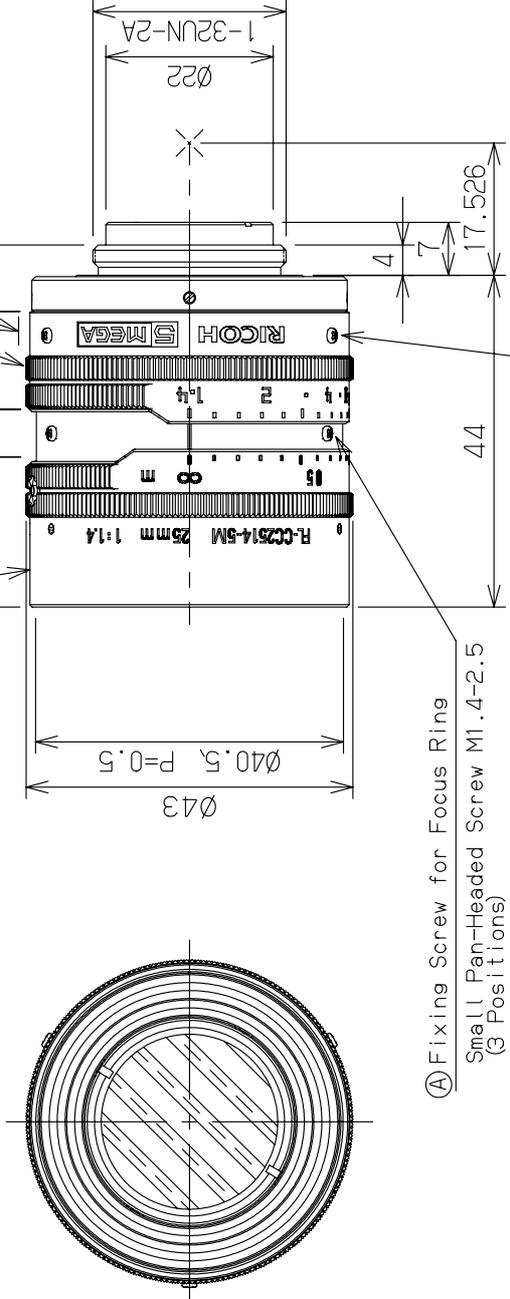
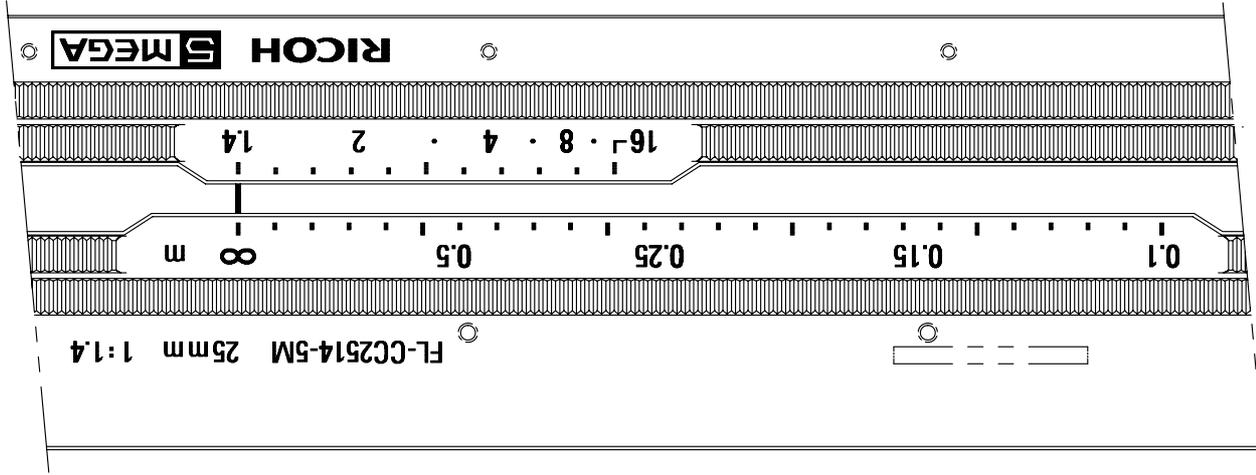
Tester	Shock Testing Machine by Dropping
Impact Force	588 m/s <sup>2</sup>
Duration of Shock	3.5 ms
Directions&Number of Times	1 Time Respectively in Three Dimensional Directions

3-5.EnvironmentalTemperature Range -20°C to +50°C

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4. Accessories

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



<p>Ⓐ Fixing Screw for Focus Ring (3 pieces)</p>	<p>Ⓐ Fixing Screw for Focus Ring Small Pan-Headed Screw M1.4-2.5 (3 Positions)</p>
<p>Ⓑ Fixing Screw for Iris Ring (3 pieces)</p>	<p>Ⓑ Fixing Screw for Iris Ring Thumb Screw for Iris Ring Optional Usage (1 piece)</p>

Ⓒ Fixing Screw for Iris Ring  
Small Pan-Headed Screw M1.4-2.2  
(3 Positions)