C１６１４A

１６mm　１：１．４

（TH SPEC.）

1. Model — C1614A

2. Application — For 2/3 Format CCTV Camera

3. Specification

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

(1) Dimensions	φ30×33mm
(2) Weight	58g
(3) Mount	C-Mount(1-32UN-2A)
(4) Filter Screw Size	φ27mm,P=0.5mm

3-2. Optical

(1) Focal Length	16mm±5%
(2) Max. Aperture Ratio	1:1.4
(3) Iris Range	F/1.4 to F/22
(4) Angle of View	Diagonal 38° 12′
	Horizontal 30° 48′
	Vertical 23° 24′
(5) Picture format	8.8×6.6mm
(6) Focusing Range	0.3m
(7) Back Focal Length	13.22mm
(8) Flange Back Length	17.526mm

3-3. Mechanical

(1) Focusing Mechanism	Straight Helicoid Rotation Angle 90° Rotation Torque 50 to 300 gf-cm Focus Ring can be fixed at any positions by 3 fixing screws A (refer to external view).
(2) Iris Mechanism	Non-click,Close-down Rotation Angle 98° 30′ Rotation Torgue 50 to 300 gf-cm Iris Ring can be fixed at any positions by 3 fixing screws B (refer to external view).

NO.	Revisions	Date	By	Approved	Checked	Drawn	Drawing Title
							SPEC. SHEET

ASAHI PRECISION CO., LTD.

Date Drawn: APR 26,'99

Drawing Number: 31633-X002-00TH-B13

3-4. Vibration & Shock Test Standard

(1) Vibration Conditions

Wave	Sine Wave
Acceleration	0.8 to 6 G
Cycle Range	10 to 55 Hz
Cycle Period	3 Minutes
Duration of Vibration	20 Minutes Respectively in Three Dimensional Directions

(2) Shock Conditions

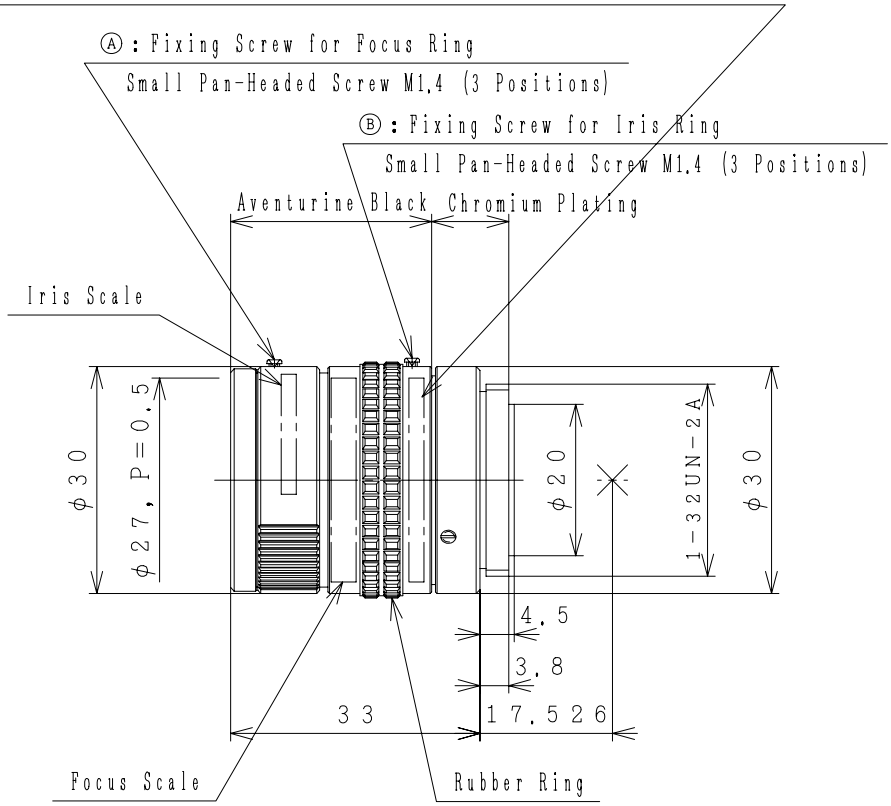
Tester	Shock Testing Machine by Dropping
Impact Force	60 G
Duration of Shock	3.5 ms
Directions & Number of Times	1 Time Respectively in Three Dimensional Directions

3-5. Environmental Temperature Range -20℃ to +50℃

4. Accessories

(1) Front Lens Cap 1 piece
(2) Rear Lens Cap 1 piece
(3) Packing Box 1 piece

ASSEMBLED IN CHINA **COSMICAR/PENTAX** TV LENS 16mm 1:1.4



Focus Scale 1 0.3 2 0.5 4 1 ∞ ft m

Iris Scale ·16· 8 · 4 2.8 2 1.4

UNIT：mm

5				一般仕上 ▽▽▽ ▽▽ ▽～	尺度 1/1	個数	
4				一般公差 ±			
3				一般面取	部品名		
2				一般角度公差 ±	C1614A		
1				材質	16mm F/1.4		
	訂正記事		年月日	担当	External View		
承認	設計	製図	検図	完図 APR 26.'99 年月日			
旭精密株式会社				表面処理	図面番号 31633-X002-00TH-B33		