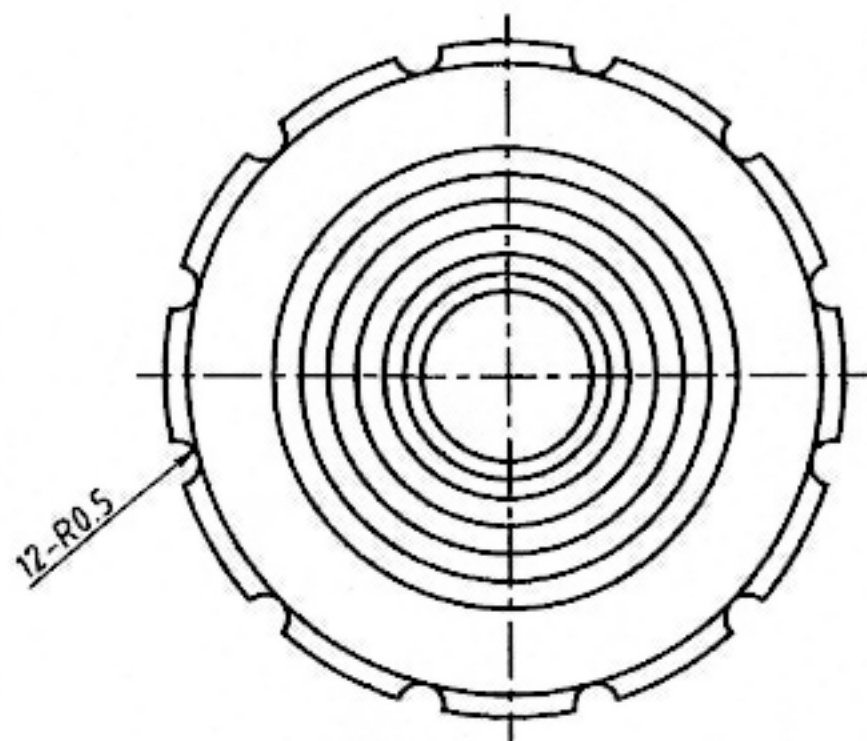




Lens Specification

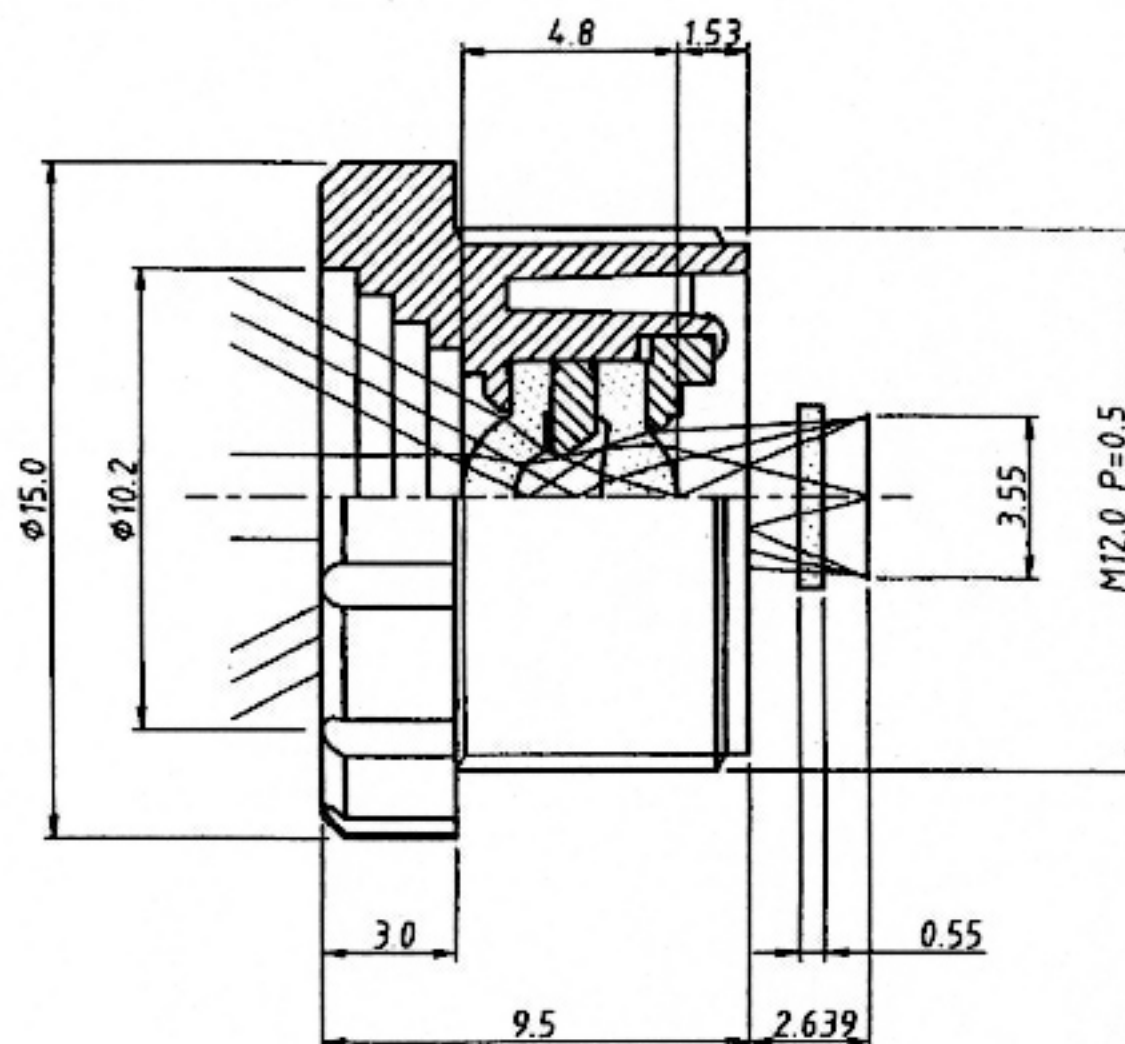
Focal length : 3.603mm $\pm$ 5%
 Back focal : 3.973mm $\pm$ 5%
 Mechanical back : 2.639mm $\pm$ 0.3mm
 Aperture ratio : F/2.0 $\pm$ 5%

Angle of view (Image size)

Image to object distance=Infinity

Diagonal	54.7° (3.55)	72.1° (4.736)	68.7° (4.5)
Horizontal	42.7° (2.75)	54.2° (3.52)	55.4° (3.6)
Vertical	35.1° (2.25)	49.0° (3.168)	42.0° (2.7)

Aperture of front lens : ϕ 3.6
 Aperture of rear lens : ϕ 2.88
 Coating : No coat.



UNIVERSE KOGAKU (AMERICA), INC.

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 PHONE: (516) 624-2444 FAX: (516) 624-3109

TITLE

3.6mm F/2.0 CCD (1/4") LENS

DATE

2/29/2000

SCALE

None

NO.

VE300UB

DRAWN

APPROVED