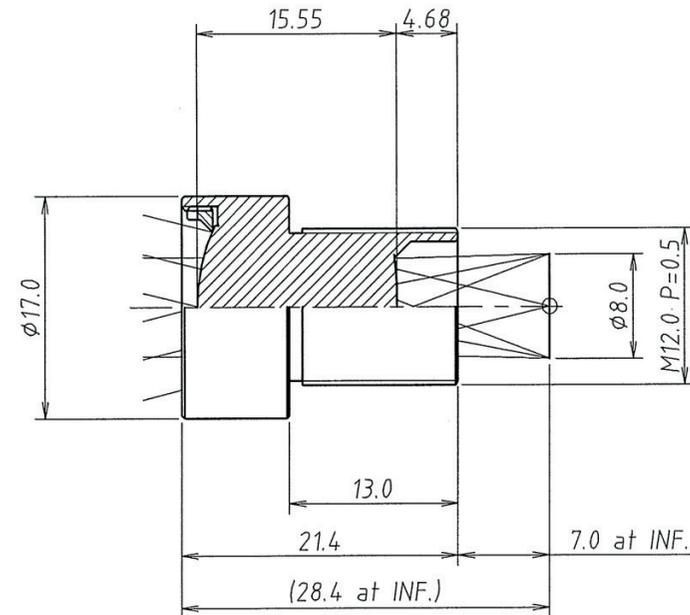




# LM160D-NCM



## LENS SPECIFICATION

Focal length	16.00mm ±5%
Back focal length	11.68mm ±5%
Mechanical back	7.0mm ±0.5mm
Aperture ratio	F/2.0
Image size	1/2" CCD (4.8mmx6.4mm)
Magnification	-
Distortion	-0.4%

## RESOLUTION

Centre	200LP/mm
Corner	100LP/mm

## PUPIL POSITIONS FROM LENS SURFACE

Entrance pupil	8.02mm (Front lens)
Exit pupil	-26.02mm (Image plane)

## PRINCIPAL POINTS FROM LENS SURFACE

Object space	14.18mm (Front lens)
Image space	-16.00mm (Image plane)

## ANGLE OF VIEW INF.

Vertical	17.0°
Horizontal	22.6°
Diagonal	27.9°

## COATING (λ=546nm)

All surfaces are anti-reflection coated.  
MgF2 single coated.

## Angle of view

Image to object distance = infinity			
	1/4"	1/3"	1/1.8"
	(2.7x3.6mm)	(3.6x4.8mm)	(5.2x6.9mm)
Vertical:	9.6°	12.8°	18.4°
Horizontal:	12.8°	17.0°	24.3°
Diagonal:	16.0°	21.2°	30.0°