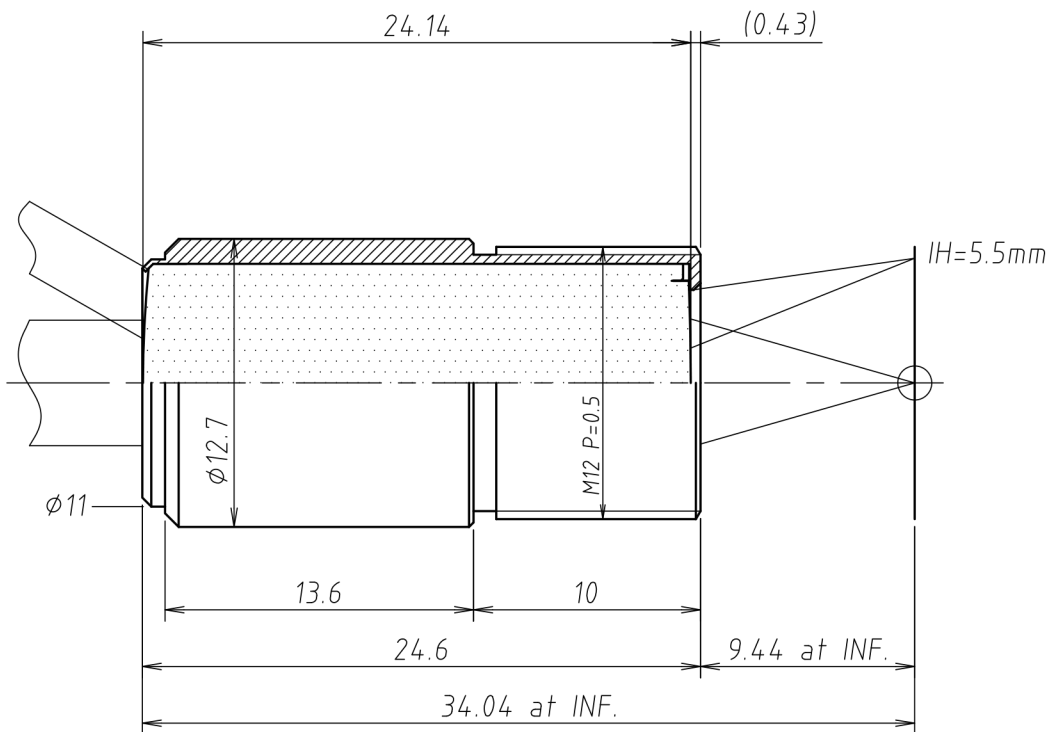


Lens Specification

| | |
|--|------------------------|
| Focal length | 10.01mm ±5% |
| Back focal length | 9.87mm ±5% |
| Mechanical back | 9.44mm ±0.3mm at INF. |
| Aperture ratio | F/1.8 ±5% |
| Image size | 2/3" CCD (6.6X8.8) |
| Magnification | - |
| Distortion | -4.5% |
| Angle of view at INF. | |
| Vertical | 36.9° |
| Horizontal | 48.5° |
| Diagonal | 59.5° |
| Resolution | |
| Center | 63LP/mm |
| Corner | 16LP/mm |
| Pupil positions | |
| Entrance pupil | 5.33mm (Front lens) |
| Exit pupil | -27.72mm (Image plane) |
| Principal points | |
| Object space | 11.75mm (Front lens) |
| Image space | -10.01mm (Image plane) |
| Coating (λ = 546nm) | |
| All surfaces are antireflection coated. MgF2 single coated. | |



Note:

Angle of view at INF.

Image size: 1/2" 1/3"

Vertical : 27.1° 20.4°

Horizontal : 35.9° 27.1°

Diagonal : 44.4° 33.7°



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| | | | | | | | |
|--|------------|---------|---------------------|-------------|--------------|-----|---|
| | | TITLE | 10mm F/1.8 CCD LENS | | DRAWN | H.K | |
| | | P/NO. | VM-1018 | | CHECKED | Y.M | |
| | | Mfg.NO. | VE110A-Y01-0 | UOI VM-1018 | SHEET 1 OF 1 | REV | A |
| | 02/21/2013 | | | | | | |