

Zinc Sulfide Lens Module TH17V3511D-34

- Cost effective lens for high volume application
- Designed for uncooled IR sensors
- Optimized for the 8-12 μ m wavelength range
- Outer face is coated DLC



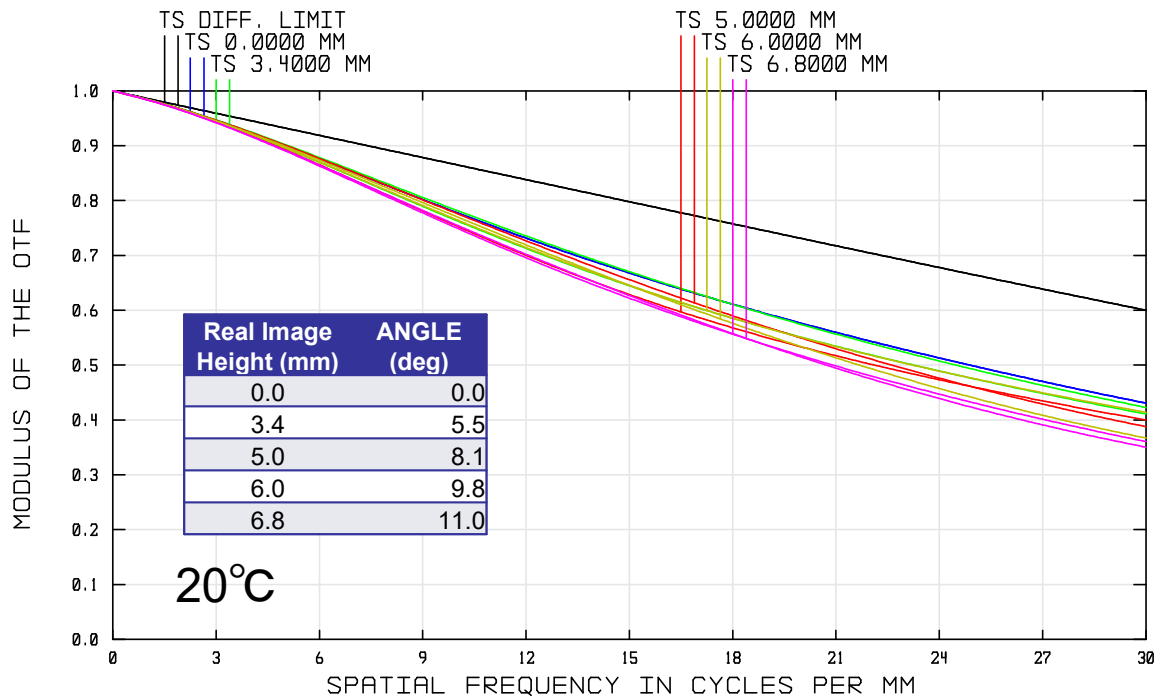
Property	Value	Remarks
Optical		
Focal Length	35.0mm	code#0608
F/#	1.1	
Horizontal Filed of View	17.7° (A) / 13.0° (B) / 8.9° (C)	
Image Circle	13.6mm	
Focus Adjustment	Manual	
Lens transmission (average)	0.68	wavelength8-12 μ m
Coating Type	DLC Coating* ¹	wavelength8-12 μ m
Mechanical		
Weight	106g	
Lens Mount	Threaded	M34 × 0.5(Pitch)[mm]
Environmental		
Operating Temperature	-40°C to +80°C	Athermalized
Sealing	IP69K	Front side

*1 Environmental Test

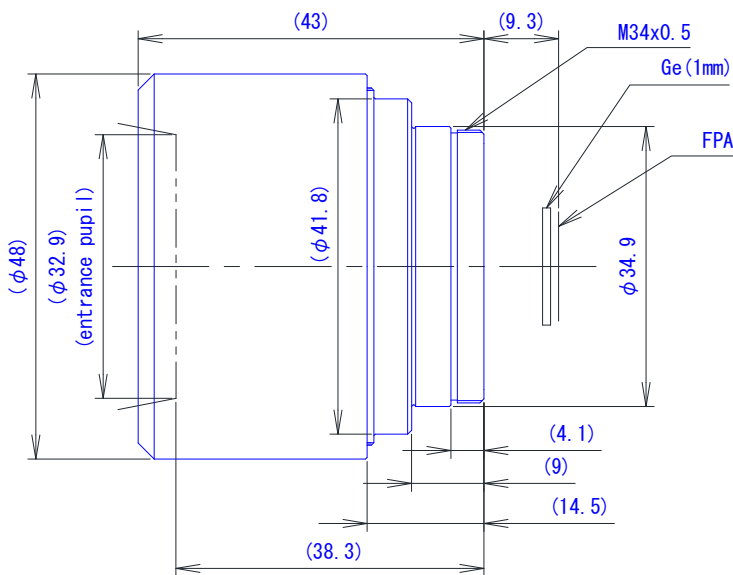
Adhesion	Tape Test	MIL-F-48616
Humidity	85°C/95%X240h	MIL-F-48616
Abrasion	Severe 20 stroke	MIL-F-48616
Weatherability	UV+water X 1000h	JIS D 0205 WAN1S
Sand and Dust	13.3m/s,<150 μ m, \geq 3h,0.33g/m ³	MIL-STD-810G 510.5

Type	Pitch	Pixels
A	17 μ m	640x480 (VGA)
B	25 μ m	320x240 (QVGA)
C	17 μ m	320x240 (QVGA)

MTF Curves



Layout



Distortion

