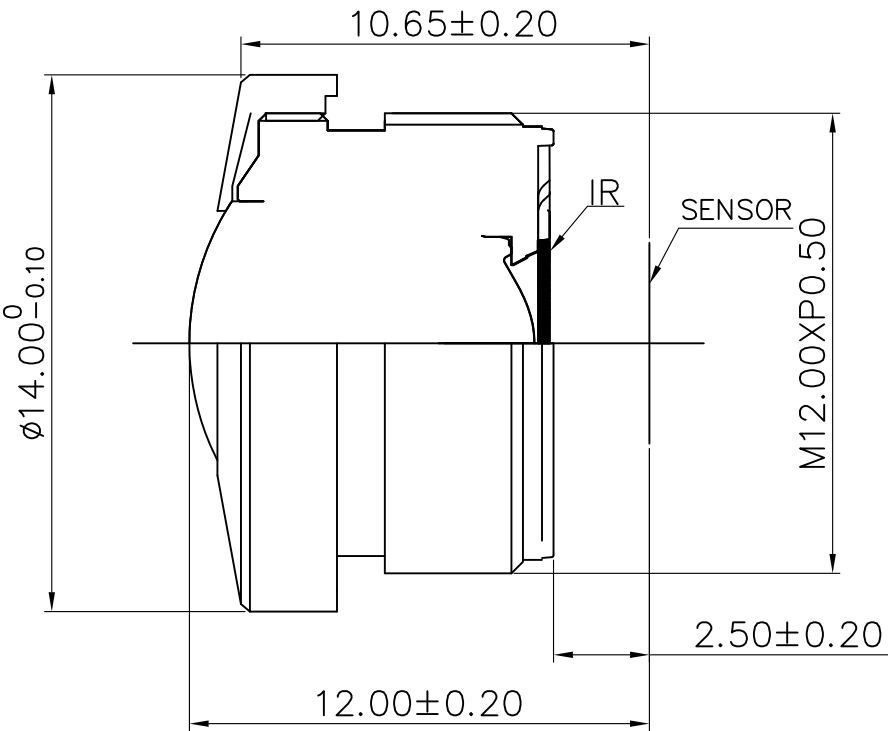


TRC-F4175A6-01 Lens Specification

NOTE:  
1.All surfaces are AR coated  
2.IR Filter SPEC.  
Tavg≥92% 440~630nm  
Tmin≥88% 440~630nm  
T=50% 650~670nm  
T<3% 700~1000nm  
3.Material applied tally with ROHS standard  
4.IP protect-class:IP69K



SPECIFICATION

Sensor Type	OV2778(1/2.9")	AR0233(1/2.5")
	1920*1080	2048*1280
Focal Length	1.75mm	
Total Length	12.00mm	
F/NO	2.0	
Max Image Circle	Ø5.24mm(200°)	
Optical FOV(D)	200°(Y=3.08mm)	200°(Y=3.62mm)
Optical FOV(H)	200°(Y=2.68mm)	200°(Y=3.07mm)
Optical FOV(V)	100.4°(Y=1.51mm)	125.6°(Y=1.92mm)
TV- Distortion	<-34%	<-28.9%
Relative Illumination	>42%	>42%
Chief Ray Angle	<17.3°	<17.3°
Construction	2Glass+4Plastic+1 IR-CUT	
Operation Temperature	-30°C ~ +75°C	
Storage Temperature	-40°C ~ +85°C	

REV	DISCRIPTION	NAME	DATE		NAME	DATE
1						
2				DRAWN		
3				CHECKED		
4				APPROVED		



深圳市特莱斯光学有限公司

Trace Optical

PART  
NAME

TRC-F4175A6-01

VIEW



SCALE

5:1