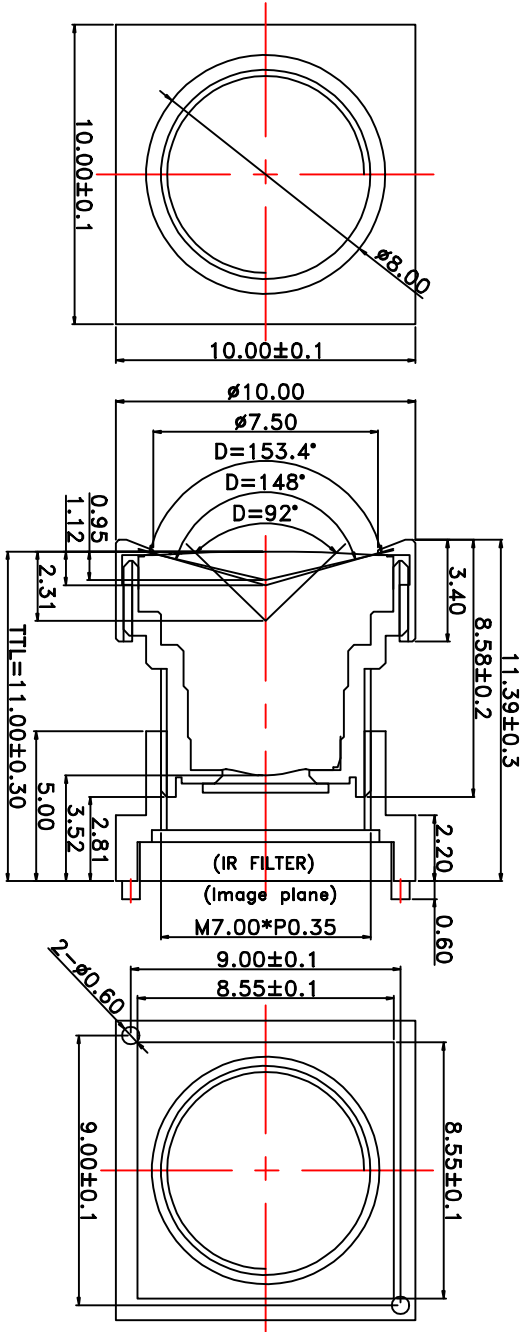


PRODUCT NAME : JSD1529-A1

1. SPECIFICATION:

- 1.RESOLUTION 2M
- 2.MAX IMAGE CIRCLE $\phi 6.30$ mm
- 3.FOCAL LENGTH (EFL) $f=1.9\pm5\%$ mm
- 4.F/NO (INFINITE) $F/NO=2.0\pm5\%$
- 5.BACK FOCAL LENGTH $BFL=3.52\pm0.2$ mm
- 6.FLANGE BACK LENGTH $FB=2.81\pm0.2$ mm
- 7.Thread Size $M7*P0.35$
- 8.Element $5P+IR650$
- 9.IR FILTER SPEC.(Built-in,Others available)
Tavg>=90% @ 440-620 nm
T=50% @ 650±10 nm
Tavg<=3% @ 700-1000 nm
T<5% @ 1050 nm

2. OPTICAL LAYOUT:



NOTE		SPECIFICATION			
Sensor	1/2.9" (OV2718)	1/4" (OV7725)	1/5"(ov02810/ov02811)	1/3" (JX-F37)	1/3.7" (OV7956)
Vertical	814'(y=1.512mm)	78'(y=1.44mm)	59'(y=1.05mm)	79.5'(y=1.4688mm)	79.3'(y=1.464mm)
FOV Horizontal	133.8'(y=2.688mm)	100'(y=1.92mm)	76'(y=1.40mm)	130'(y=2.6028mm)	100.9'(y=1.944mm)
Diagonal	153.4'(y=3.084mm)	121'(y=2.40mm)	92'(y=1.75mm)	148'(y=2.9886mm)	122.5'(y=2.434mm)
TV-DISTORTION	<-24%	<-11.2%	<-4.58%	<-22.2%	<-11.8%
Relative Ill.	>34.7%	>52%	>70.24%	>37%	>51.2%
CRA	<30.7°	<24°	<17.45°	<29.8°	<24.3°
NOTE		SPECIFICATION			
Sensor	1/4" (OV9282)				
Vertical	67.9'(y=1.224mm)				
FOV Horizontal	100.9'(y=1.944mm)				
Diagonal	116.4'(y=2.297mm)				
TV-DISTORTION	<-10%				
Relative Ill.	>54.93%				
CRA	<22.96°				

REV	DESCRIPTION	DATE	NAME	VIEW	REV	SCALE	DRAWN
①	新规范成	2020.03.16					
②							
③							
④							
				JSD1529-A1			
				00			
				DATE			
				CHECKED			
				BORDER			
				APPROVED			

金视达光电有限公司

SHENZHEN JINSHIDA OPTICAL CO.,LTD