



### Lens Specification

NO	SPECIFICATIONS		PARAMETER
1	Model Name		HR0502A
2	Sensor		2.88mmX2.304mmX1.728mm
3	Pixel Size		3.6 $\mu$ mX3.6 $\mu$ m
4	Image Circle(Max.)		$\varnothing$ 1.73mm
5	EFFL(Effective Focal Length)		0.55mm
6	F-Number		3.5
7	TTL(Total Length)		3.62mm
8	FBL(Flange Back Length)		0.81mm
9	BFL(Back Focal Length)		1.13mm
10	View Angle	Diagonal	174° (2Y=1.73mm)
		Horizontal	138.2° (2Y=1.38mm)
		Vertical	103.4° (2Y=1.04mm)
11	MTF 135lp/mm(T/S)	Center	47%@T, 47%S
		0.3Field	45.2%@T, 47.2%S
		0.7Field	31.6%@T, 42.9%S
		1.0Field	33.6%@T, 39.4%S
12	Distortion	Optical	<92.1%
		TV(Trad.)	<7.27%
13	Relative Illumination	1.0Field	>62.8%
14	Chief Ray Angle(Max.)		<35.58°
15	Lateral Color(Max.)		<3.12 $\mu$ m
16	IR Filter Thickness		0.445mm
17	Object Distance		1-60mm
18	Therad		M3XP0.15
19	Operating Temperature		5~40°C
20	Storage Temperature		-40~50°C

					 <b>江西高瑞光电股份有限公司</b>				
					比例	12:1		页码	1/1
					重量	(g)	材料		
9	标记	处数	区域	更改内容	担当	时间	名称	HR0502A-规格书	REV.
	承认	审核	工艺	设计	时间		编号	HR0502A-SPEC	A0