

惠州市锐达电子有限公司

HUIZHOU RADA ELECTRONICS Co., Ltd.

<http://www.rada.net.cn>

COMPANY INTRODUCTION



惠州市锐达电子有限公司是惠州百利宏控股集团旗下的全资子公司，成立于2005年，总投资2600万元。锐达电子一直致力于精密微型永磁直流电机、微距变焦电机、紧密微型步进电机、空心杯电机等系列产品的研发和制造，再此基础上重点专注于三大产品系列：IR-CUT、VCM、精密微型齿轮箱模组。产品广泛适用于安防、数码、手机、医疗器械、汽车电子、微型机器人等领域，全面满足客户产品设计对精密驱动、定位、及控制功能的需求。

Huizhou RADA electronics co., ltd is in Huizhou BESTGRAND Group, a wholly owned subsidiary, was founded in 2005, a total investment of RMB 26million. RADA electronics has been committed to precision micro permanent magnet DC motor, macro zoom closely micro motor, stepping motor, hollow cup motor series products, such as research and development and manufacturing, then based on the key focus on three major product series: IR - CUT, VCM, precision micro gear box module. Products are widely used in security, digital, mobile phones, medical equipment, automotive electronics, micro robot, and other fields, fully meet customer product design the precise driving, location, and the control function of demand.

锐达电子位于广东惠州市惠阳区三和经济技术开发区，自有工业园区及建筑面积18000平方米，其中万级无尘车间1500平方米，千级无尘车间400平方米，百级无尘车间100平方米，标准化车间12000平方米，生活及其他配套建筑400平方米。

RADA electronics is located in sanhe economic and technological development zone, Huiyang district, Huizhou, Guangdong, has its own industrial park and the building area of 18000M², including class-10,000 dustless workshop 1,500M², the class-1,000 dustless workshop 400M², the class-100 dustless workshop 100 M², the standard workshop of 12,000M², life and other auxiliary construction area of 400M².

锐达是精密微特电机及模组领域的开拓者和创新者，在相关研发和制造领域填补多项国内空白，拥有多项发明及实用新型专利。

RADA is pioneer in the field of precision micro & special motor and module and innovators, fill in the related research and development and manufacturing a number of domestic blank, with a number of invention and utility model patent.

秉承百利宏集团坦诚做人、用心做事的企业文化，我们愿与您携手共进、合作共赢。

Adhering to the honest personhood, BESTGRAND group by heart of enterprise culture, we are willing to join hands and win-win cooperation with you.

令顾客满意是我们锐达电子最终和最重要的目标。为此，我们竭尽所能，务求在以下四方面做到最好：

Customer satisfaction is RADA electronic final and the most important goals. To this end, we do all we can to do the best in the following 4 aspects:

- 技术创新 Creative
- 品质保障 Quality
- 供货迅速 Quickly
- 成本配合 Cost

顾客的支持，使我们稳步成长。
The growth of our customer support, make us.

员工数目 Number of employees



生产作业员 Workers

190 + (人 person)



品质部 Quality Dept.

25 (人 person)



工程研发 R.D Dept.

10 (人 person)



行政人事 HR Dept.

5 (人 person)



其他 Others

10 (人 person)

总计 Total: 240 + (人 person)

- 磁阀式IR-CUT产能约800K/月，马达式IR-CUT产能约500K/月。
- Solenoid Drive IR-CUT capacity of about 800 k/month, motor type IR - CUT capacity of about 500 k/month.

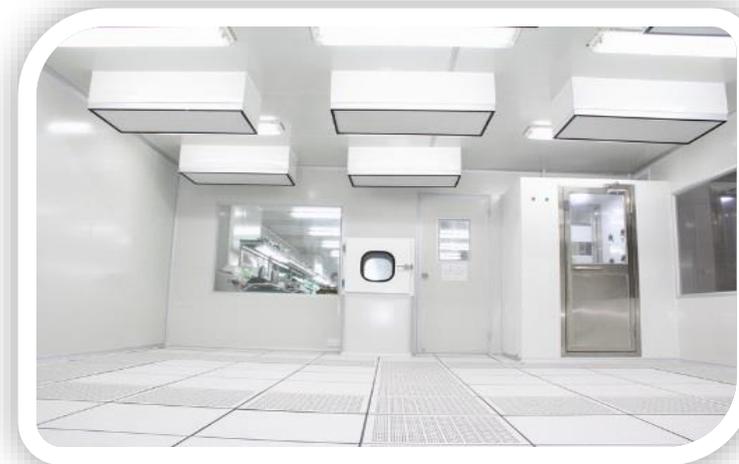
无尘车间 Dustless Workshop

ISO 9001
Registered Company

sira
Certification Service



生产线 Production Line



无尘车间 Dustless Workshop



检验测试 Inspection Test



步进绕线机
Step into the winding machine



绕线机 Winding machine



绕线机 Winding machine



IR-CUT绕线机
IR-CUT Winding machine

完备的研发实验室设备 RD & Laboratory Equipment

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实验室全景
Lab view



震动测试仪
Vibration Tester



盐雾试验机
Salt Spraying Tester



高低温试验箱
High and Low Temperature Tester



测功机
Dynamometer



振动试验机
Vibration Tester



圆度仪
Roundness Measuring Instrument



三次元
Coordinate Measuring Machine

完善的产线品质保障 Perfect Quality Guarantee

ISO 9001
Registered Company

sira
Certification Service

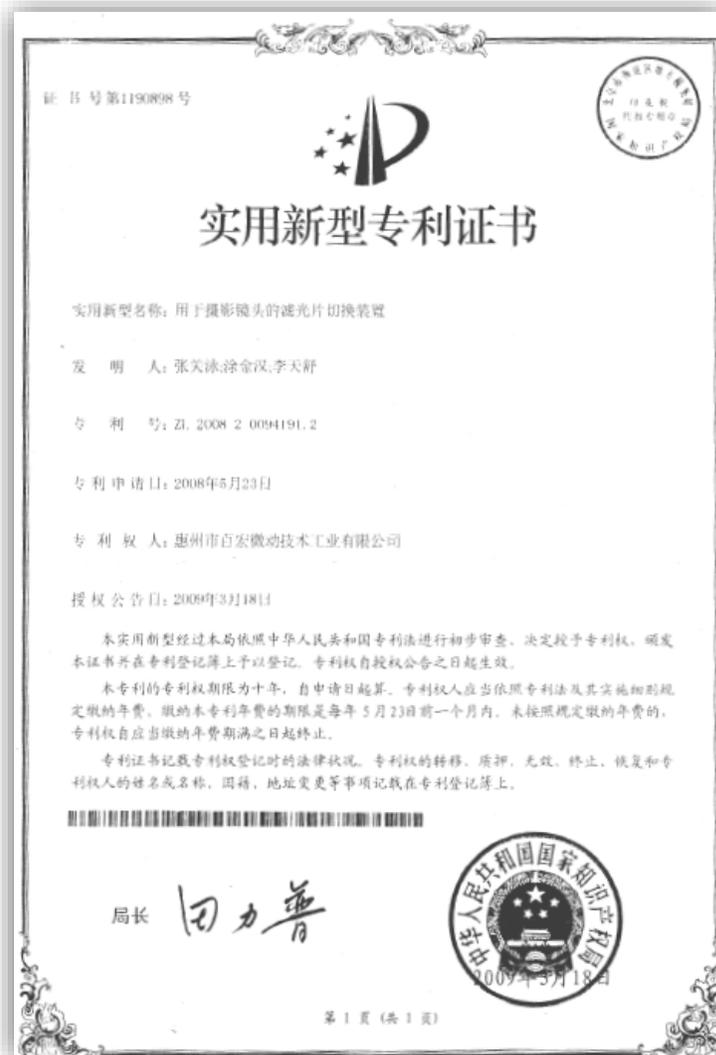


系统检测设备
Testing Equipment



转子外观检测
The Rotor Surface Testing



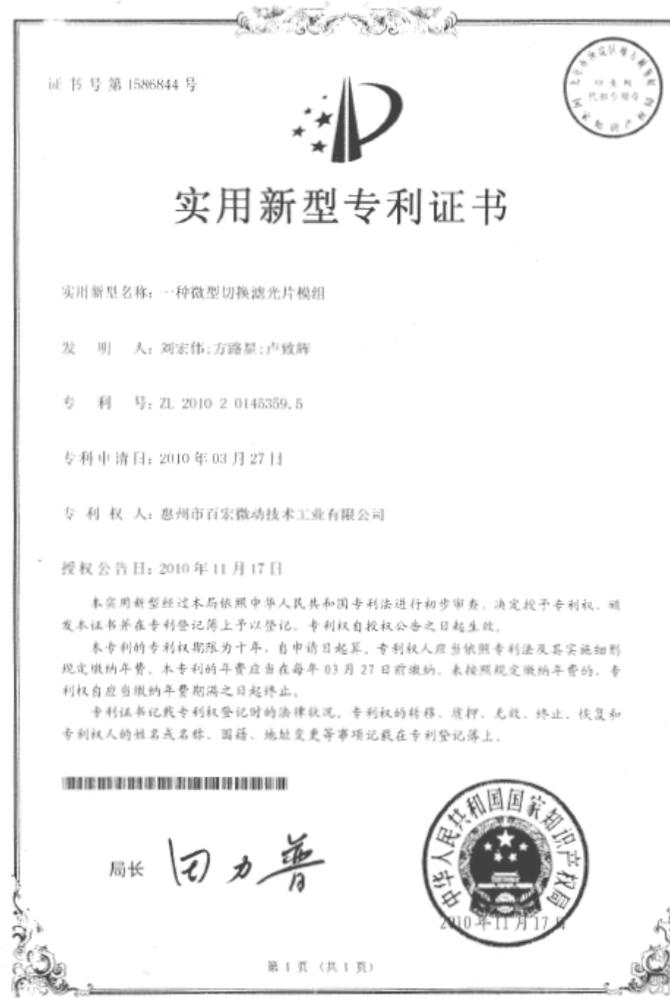


磁阀式专利证书

Solenoid Drive IR-CUT Patent Certificate



马达式专利证书
Motor Drive IR-CUT Patent Certificate



马达式专利证书
Motor Drive IR-CUT Patent Certificate

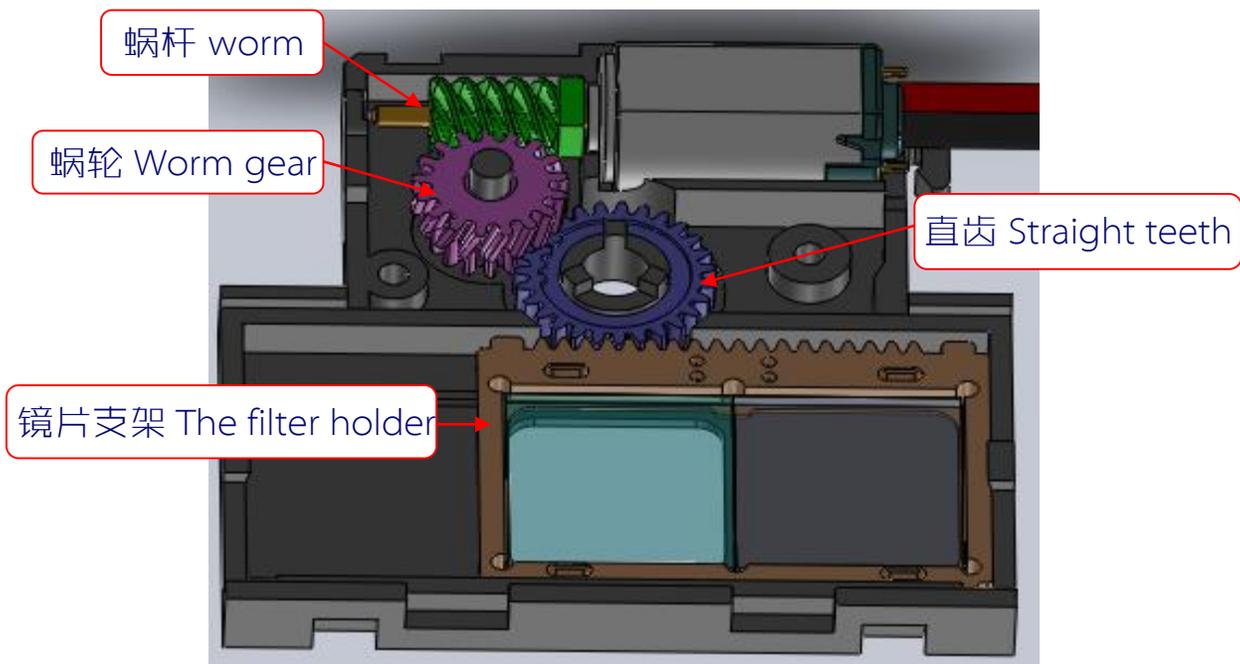
马达式IR-CUT 双滤光片切换器 Motor Drive IR-CUT

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Certification Service



马达式 -以精密马达配合齿轮箱驱动
Motor Drive - to precision motors with gear box drive



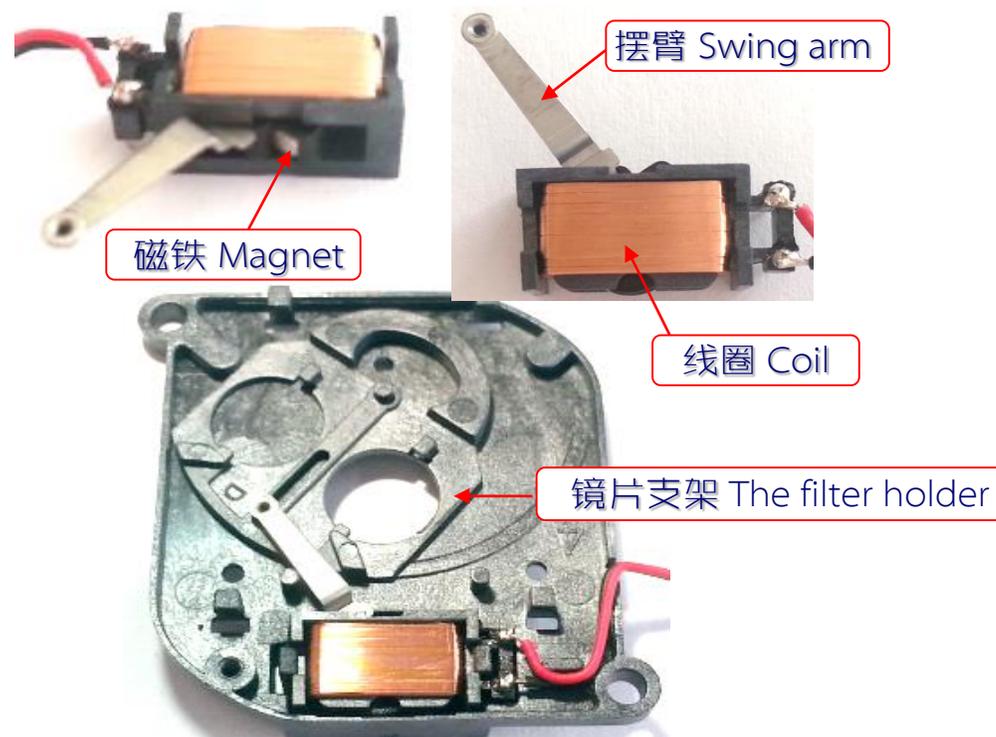
磁阀式IR-CUT 双滤光片切换器 Solenoid Drive IR-CUT

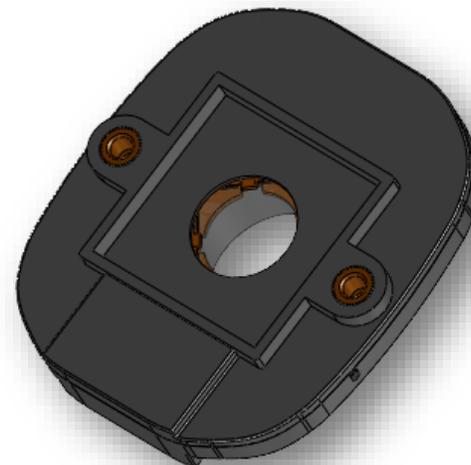
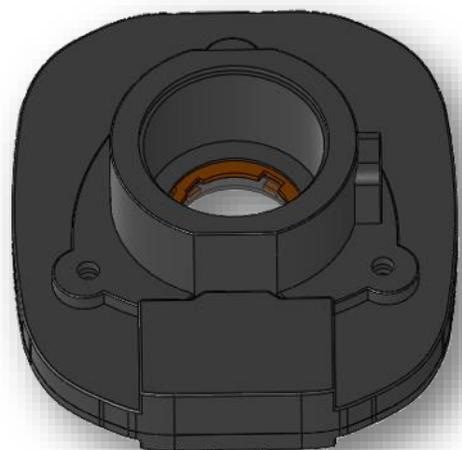
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磁阀式 - 以线圈直接驱动
Solenoid Drive - To direct drive coil





最新开发的磁阀式产品，主要特点：能适应更短的镜头后焦距离，最短可适用后焦3.8mm的镜头，是目前市场上椭圆式最短后焦距离的ICR。

The latest development of solenoid drive type products, the main features: able to adapt to shorter after lens focal distance, the shortest applicable after focal 3.8mm lens, the elliptic type on the market at present is the shortest ICR back focal distance.

马达式ICR的核心部件：6mm精密马达

The core component of motor drive ICR: 6mm precision motors



磁阀式ICR的核心部件：线圈

The core component of solenoid Drive ICR: coil

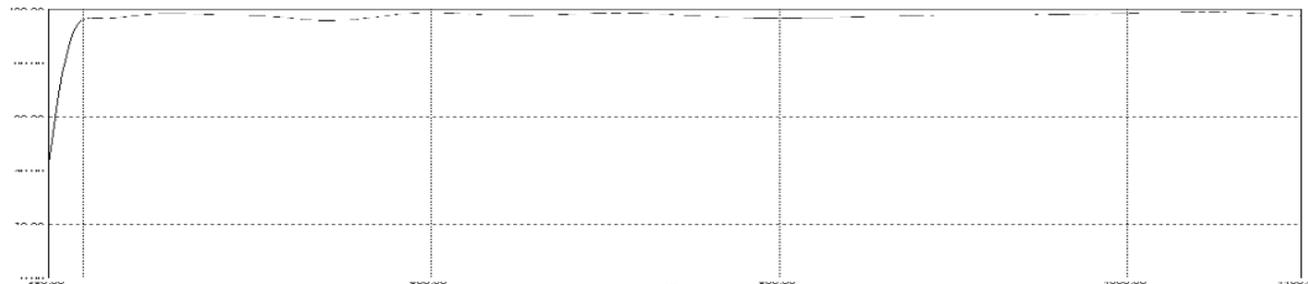
ICR所用线圈全部是用日本日特精密绕线机自制的，对驱动核心部件能更好管控、保证品质。

ICR coils are all used in coiling machine with NITTOKU ENGINEERING precision, can better control on the driver core parts, to ensure quality.

ICR最关键部件--滤光片

ICR most key parts -- Filter

光学特性曲线图								
Optical characteristic curve								
膜系:AR/AR 400-1100			规格:8*7.7*0.21			中心波长:		
	λ (nm)	T(%)	λ (nm)	T(%)	λ (nm)	T(%)	λ (nm)	T(%)
1	380	42.89	630	98	880	97.67		
2	390	82.65	640	97.97	890	97.8		
3	400	96.22	650	97.6	900	97.86		
4	410	96.68	660	97.78	910	97.87		
5	420	96.9	670	97.96	920	97.87		
6	430	97.65	680	98.2	930	97.96		
7	440	98.23	690	98.4	940	97.95		
8	450	98.49	700	98.6	950	98.01		
9	460	98.31	710	98.67	960	98.09		
10	470	98.15	720	98.58	970	98.21		
11	480	97.99	730	98.29	980	98.29		
12	490	97.88	740	98.02	990	98.38		
13	500	97.7	750	97.71	1000	98.54		
14	510	97.24	760	97.32	1010	98.7		
15	520	96.71	770	97.04	1020	98.84		
16	530	96.15	780	96.87	1030	98.87		
17	540	95.79	790	96.72	1040	98.92		
18	550	96.01	800	96.58	1050	98.94		
19	560	96.56	810	96.67	1060	98.86		
20	570	97.29	820	96.77	1070	98.65		
21	580	98.08	830	96.88	1080	98.33		
22	590	98.59	840	97.07	1090	97.91		
23	600	98.79	850	97.28	1100	97.6		
24	610	98.56	860	97.47				
25	620	98.37	870	97.57				

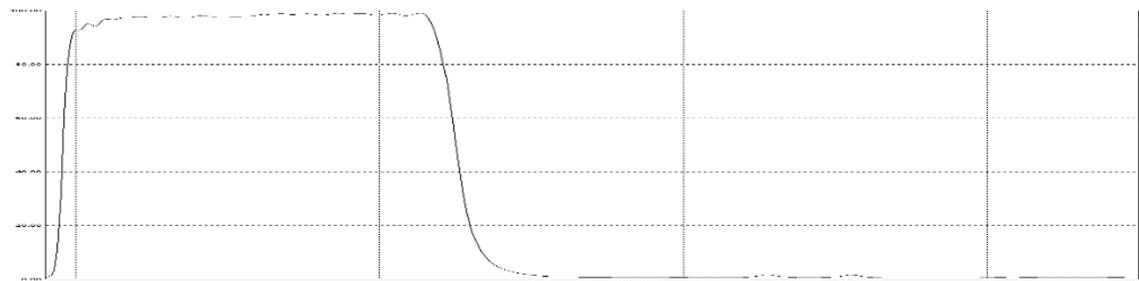


滤光片是ICR最重要的部件，所以我们选择的都是在行业内技术和规模领先的供应商，主要有台湾晶华光电、现代光电。

Filter is the most important parts of ICR, so we choose are in the industry's leading supplier of technology and scale, there are mainly Taiwan Apex Optech Corporation, China MDK Holding Group, etc.

ICR最关键部件--滤光片 ICR most key parts -- Filter

光学特性曲线图								
Optical characteristic curve								
膜系:AR/IR普通 645			规格:8*7.7*0.21			中心波长:650.08		
	λ (nm)	T(%)	λ (nm)	T(%)	λ (nm)	T(%)	λ (nm)	T(%)
1	380	0.75	630	98.42	880	0.66		
2	390	32.43	640	85.36	890	0.68		
3	400	92.99	650	50.79	900	0.9		
4	410	94.67	660	19.63	910	1.72		
5	420	96.89	670	8.1	920	0.88		
6	430	97.35	680	4.17	930	0.58		
7	440	97.73	690	2.54	940	0.52		
8	450	97.46	700	1.59	950	0.5		
9	460	97.75	710	1.1	960	0.49		
10	470	97.34	720	0.89	970	0.49		
11	480	97.94	730	0.83	980	0.5		
12	490	97.7	740	0.81	990	0.54		
13	500	97.82	750	0.72	1000	0.63		
14	510	97.78	760	0.63	1010	0.78		
15	520	98.3	770	0.59	1020	0.84		
16	530	98.61	780	0.62	1030	0.74		
17	540	98.59	790	0.7	1040	0.65		
18	550	98.76	800	0.72	1050	0.62		
19	560	98.41	810	0.64	1060	0.62		
20	570	98.87	820	0.59	1070	0.64		
21	580	98.65	830	0.6	1080	0.7		
22	590	98.84	840	0.73	1090	0.82		
23	600	98.38	850	1.32	1100	1.05		
24	610	98.9	860	1.44				
25	620	98.19	870	0.79				



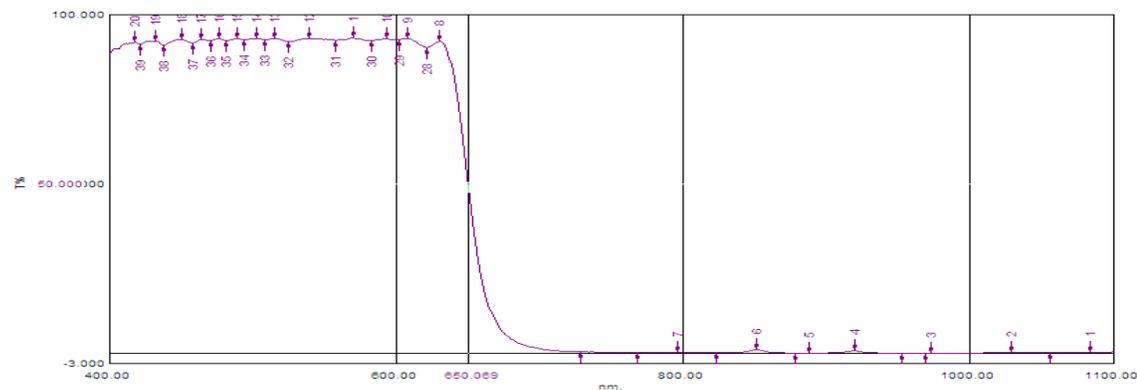
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光学特性曲线图
Optical Characteristic Curve

中心波长/Center Wavelength: 650.089		厚度/Thickness: 0.34		规格/Spec.: 3号/No.3: M12				
	λ (nm)	T(%)	λ (nm)	T(%)	λ (nm)	T(%)	λ (nm)	T(%)
1	400	88.293	620	90.369	840	0.366	1060	0.183
2	410	91.199	630	92.078	850	1.050	1070	0.195
3	420	91.431	640	81.030	860	0.378	1080	0.220
4	430	92.139	650	49.170	870	0.134	1090	0.305
5	440	91.235	660	20.789	880	0.061	1100	0.439
6	450	92.639	670	8.630	890	0.098		
7	460	91.956	680	4.199	900	0.110		
8	470	92.395	690	2.344	910	0.293		
9	480	92.444	700	1.355	920	0.708		
10	490	92.908	710	0.769	930	0.208		
11	500	92.993	720	0.513	940	0.073		
12	510	92.688	730	0.427	950	0.061		
13	520	92.590	740	0.378	960	0.061		
14	530	92.432	750	0.317	970	0.049		
15	540	92.993	760	0.220	980	0.073		
16	550	92.786	770	0.183	990	0.073		
17	560	92.554	780	0.183	1000	0.073		
18	570	93.127	790	0.293	1010	0.146		
19	580	92.358	800	0.330	1020	0.232		
20	590	92.834	810	0.220	1030	0.366		
21	600	92.773	820	0.146	1040	0.293		
22	610	92.712	830	0.171	1050	0.220		

其他厂商滤光片光谱图
Filter spectra from other manufacturers





惠州市锐达电子有限公司

Huizhou RADA Electronics Co., Ltd.

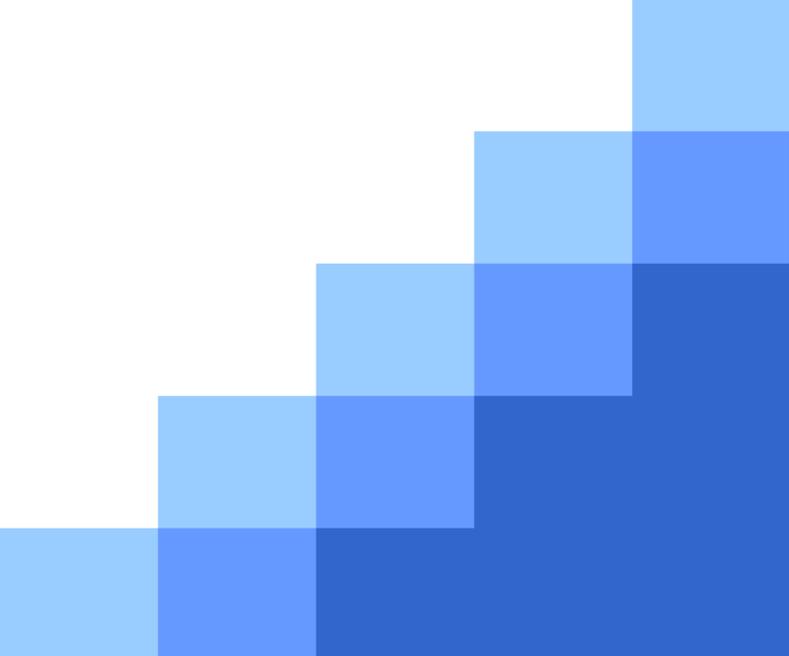
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Thanks !

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