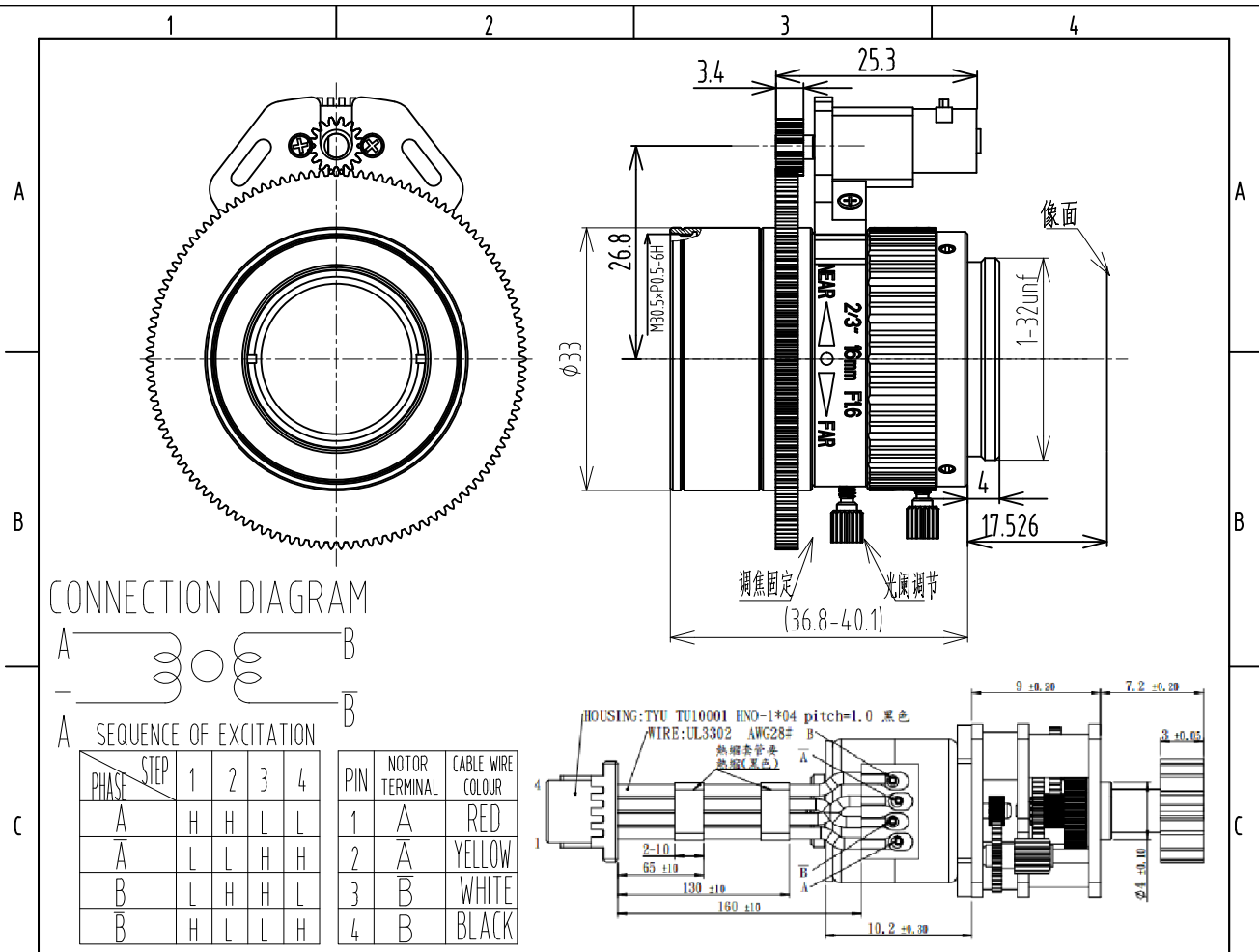




2/3" F1.6/16mm C Mount			Working distance	Optical Magnification	2/3" Field of View(mm)		ELECTRICAL CHARACTERISTIC		
Focal Length		f=16mm		mm		H	V	Rated Voltage(额定电压):	5.0V DC Constant
Max Diameter (Ratio)		F=1:1.6~16						Operating Voltage Range(使用电压范围):	3.3V~5.0V
Picture Size		$\frac{2}{3}"$ (8.8×6.6mm)	$\frac{1}{2}"$ (6.4×4.8mm)	900	0.0172X	511.63	383.72	Excitation Method(激励方式):	2 Phase Excitation
Angle	H	30.065°	22.48°	800	0.0193X	455.96	341.97	Coil Resistance(线圈电阻):	19Ω ± 1.0%
	V	23.35°	17.23°	700	0.022X	400.00	300.00	Step Angle(步进角度):	0.12° Step(pref)
	D	37.65°	28.45°	650	0.0236X	372.88	279.66	Withstand Voltage(耐压):	AC 100 V/3mA
Object Dimension at WD:200mm	H	126.97mm		600	0.0255X	345.10	258.82	Insulation Resistance(绝缘阻抗):	10M Ω(min)(AT500pps 5v DC)
	V	90.98mm		550	0.0278X	316.55	237.41	Mechanical Specification(机械特性):	
	D			500	0.0305X	288.52	216.39	Final Transmission Ratio(减速比):	150:1
Distortion (TV)		<0.1%	<0.05%	450	0.0337X	261.13	195.85	Gear Box3 Output Torque(输出扭矩):	450gf·cm(min)(AT 500pps, 5v DC)
Focus distance(min)		0.1M---1.5M		400	0.0377X	233.42	175.07	Max.Slew rate(最大连续响应频率):	2500pps(min)(AT 5 v DC)
Flange back		17.526mm in air		350	0.0429X	205.13	153.85	Max.Start rate(最大应答周波数):	1000pps(min)(AT 5 v DC)
Back focus		14.9mm in air		300	0.0496X	177.42	133.06	Mechanical Noise(机械噪音): 60dB<max)(DC 5v 500pps)	
Filter screw size		M30.5×0.5		250	0.0589X	149.41	112.05	齿轮出力参数:	
Front/Rear Effective Dia				200	0.0724X	121.55	91.16	齿轮齿形:	JIS B 1701: 分度圆直径: $\phi 6.4/\phi 4.7.2$
Mount		C-Mount		150	0.094X	93.62	70.21	模数:	0.4 齿顶圆直径: $\phi 7.2/\phi 4.8$
Temperature Range		-10~+50°C		100	0.134X	65.67	49.25	压力角:	20° 齿根圆直径: $\phi 5.4/\phi 4.6.2$
Storage Temperature Range		-20~+60°C						齿数:	16 / 118 精度: JGMA-116-02 5级
				TOLERANCE: LINEARITY TOLERANCES ±0.05 ANGULAR TOLERANCES ARE±30° DRAFT ANGLES ARE±0.5°/SIDE			三角法		材料(环保)
									单位
									mm
				设计	CHKP	2025.06.12	名称	DFA1605A规格书	
				校对	Mark	2025.06.12	代号	DFA1605A-Spec	
				审核	Richard	2025.06.12			
				批准	Jack	2025.06.12			
标记	处数	更改文件号	担当	变更日期	批准	Jack	2025.06.12		页码
									1/1
									版本
									V0