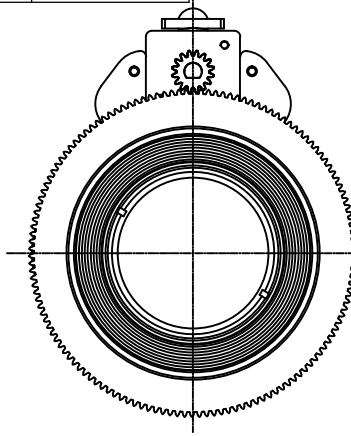
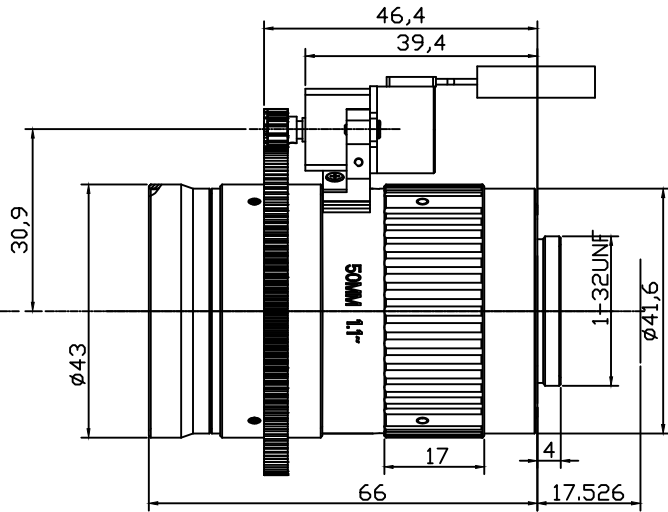
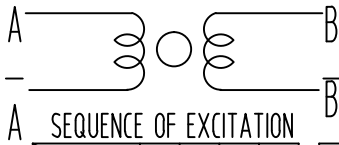


RoHS HF REACH



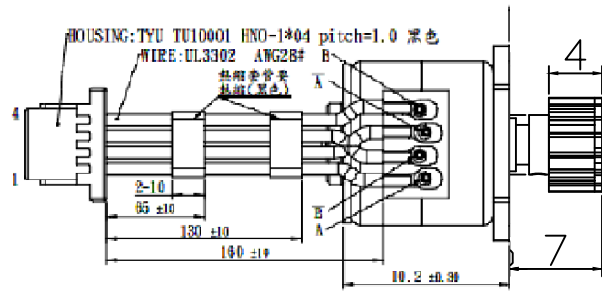
CONNECTION DIAGRAM



SEQUENCE OF EXCITATION

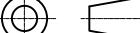
PHASE \ STEP	1	2	3	4
A	H	H	L	L
Ā	L	L	H	H
B	L	H	H	L
B̄	H	L	L	H

PIN	NOTOR TERMINAL	CABLE WIRE COLOUR
1	A	WHITE
2	Ā	BLACK
3	B	BLUE
4	B̄	RED



1.1" F2.4/50MM /20MEGA/C MOUNT

FOCAL LENGTH	f=50MM				WORKING DISTANCE	OPTICAL MAGNIFICATION	1.1" FIELD OF VIEW		ELECTRICAL CHARACTERISTIC			
F. NO	F=1:2.4--16				MM		H	V				
FOCUS DISTANCE	0.3M---无穷远				2000	0.023X	612.992	459.691	Rated Voltage(额定电压):	5.0V DC Constant		
FLANGE BACK	17.526MM IN AIR				1800	0.026X	550.524	412.893	Operating Voltage Range(使用电压范围):	3.3V~5.0V		
BACK FOCUS	30				1500	0.031X	456.940	342.076	Excitation Method(激励方式):	2 Phase Excitation		
FILTER SCREW SIZE	M40.5*P0.5				1000	0.047X	301.024	225.768	Coil Resistance(线圈电阻):	19Ω ± 10%		
MOUNT	C				900	0.052X	269.859	202.394	Step Angle(步进角度):	0.12° Step(ref)		
REL. ILLUMINATION	≥70%				800	0.059X	238.704	179.028	Withstand Voltage(耐压):	AC 100 V/3mA		
Front/Rear Effective Dia	Frontφ26 Rear φ18				700	0.068X	207.566	155.674	Insulation Resistance(绝缘阻抗):	10M Ω(AT500pps 5v DC)		
FIELD OF VIEW WD=500	SENSOR	1.1"	1"	2/3"	600	0.08X	176.449	132.336	Mechanical Speciciation(机械特性):			
	D	19.3°	17.6°	12.1°	550	0.088X	160.902	120.677	Final Transmission Ratio(减速比):	20:1		
	H	15.5°	14.1°	9.7°	500	0.097X	145.367	109.025	Gear Box3 Output Torque(输出力矩):	450gf·cm/min(AT 500pps 5v DC)		
	V	11.6°	10.5°	7.2°	450	0.109X	129.845	97.384	Max.Slew rate(最大连续响应频率):	2500pps/min(AT 5 v DC)		
									Max.Start rate(最大启动周波数):	1000pps/min(AT 5 v DC)		
TV DISTORTION		<0.1%	<0.08%	<0.05%	400	0.123X	114.34	85.755	Mechanical Noise(机械噪音):	60dBc max)(DC 5v 500pps)		
外观标准	60—40				350	0.143X	98.86	74.145	齿轮出力参数:			
WORKING TEPMERATRUE	-40℃~80℃								齿轮齿形:	JIS B 1701	分度圆直径:	φ6.4/φ48.4
STORAGE TEPMERATRUE	-40℃~85℃								模数:	0.4	齿顶圆直径:	φ7.2/φ49.2
					300	0.169X	83.42	62.565	压力角:	20°		
									齿数:	16 / 121	精度:	JGMA-116-02 5级
									齿根圆直径:	φ5.4/φ47.4		

Common Tolerance		④				Material:		##		
		③				/				
Angle	±0.5°	②				3RD_ANGLE_PROJN		Model:		
0.000	±0.01	①						1.1″-50mm-20M		
		Rev	Description		Name	Date				
0.00	±0.03		Design	Examine	Checked	Approved	Unit	mm	Part Name:	
0.0	±0.05						Scale	2:1		
0	±0.1					CHKP	Ver	00	Dwg No:	
							Date	2026.02.10		
DFA5012D-SPEC-V0										