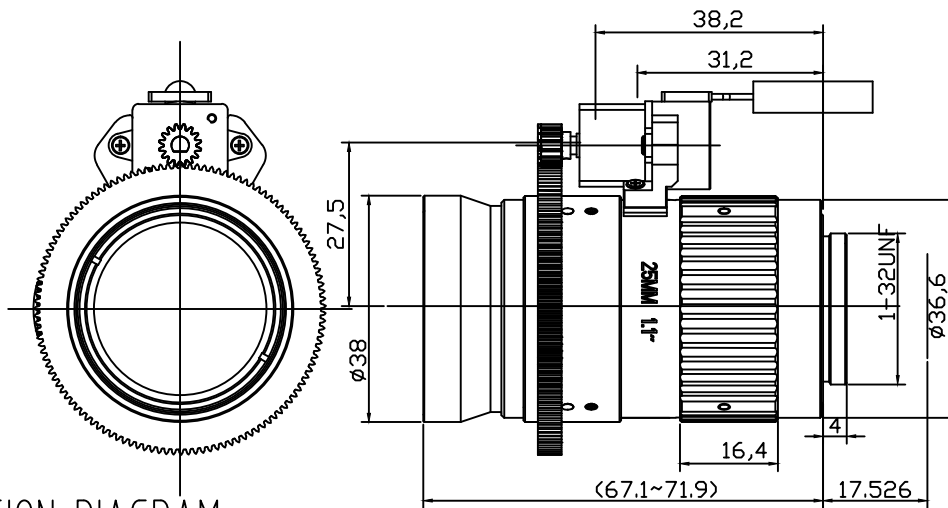
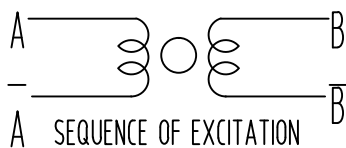
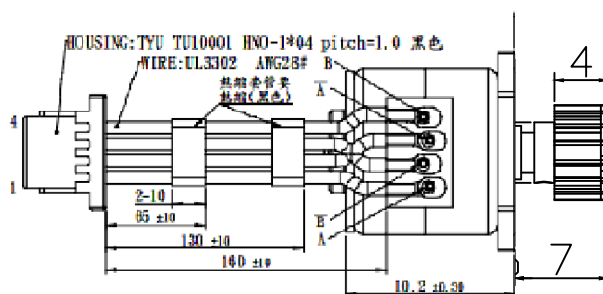




CONNECTION DIAGRAM



PHASE	STEP	1	2	3	4	PIN	NOTOR TERMINAL	CABLE WIRE COLOUR
A		H	H	L	L	1	A	WHITE
A		L	L	H	H	2	A	BLACK
B		L	H	H	L	3	B	BLUE
B		H	L	L	H	4	B	RED



1.1" F2.4/25MM /20MEGA/C MOUNT					WORKING DISTANCE	OPTICAL MAGNIFICATION	1.1" FIELD OF VIEW		ELECTRICAL CHARACTERISTIC		
FOCAL LENGTH		f=25MM			MM		H	V	Rated Voltage(额定电压): 5.0V DC Constant		
F. NO		F=1:2.4--16			5000	0.005X	2779.97	2084.98	Operating Voltage Range(使用电压范围): 3.3V~5.0V		
FOCUS DISTANCE		0.1M			2000	0.013X	1118.64	838.98	Excitation Method(激励方式): 2 Phase Excitation		
FLANGE BACK		17.526MM IN AIR			1000	0.025X	564.79	423.59	Coil Resistance(线圈电阻): 19Ω ± 1.0%		
BACK FOCUS		34			900	0.028X	509.4	382.04	Step Angle(步进角度): 0.12° Step(ref)		
FILTER SCREW SIZE		M35.5*P0.5			800	0.031X	453.997	340.497	Withstand Voltage(耐压): AC 100 V/3mA		
MOUNT		C			700	0.035X	398.591	298.944	Insulation Resistance(绝缘阻抗): 1.0M Ω(AT500pps 5v DC)		
REL. ILLUMINATION		≥70%			600	0.041X	343.177	257.383	Mechanical Speciation(机械特性):		
Front/Rear Effective Dia		FrontØ28.3 Rear Ø17.3			500	0.049X	287.749	215.812	Final Transmission Ratio(减速比): 20:1		
	SENSOR	1.1"	1"	2/3"	400	0.061X	232.299	174.224	Gear Box Output Torque(输出扭矩): 450kg·cm(min)(AT 500pps 5v DC)		
FIELD OF VIEW	D	37.3°	34.1°	23.9°	350	0.069X	204.56	153.42	Max.Slew rate(最大连接响应率): 2500pps/min(AT 5 v DC)		
	H	30.3°	27.7°	19.2°	300	0.08X	176.807	132.605	Max.Start rate(最大启动周波数): 1000pps/min(AT 5 v DC)		
	V	23.1°	18.4°	14.5°	250	0.095X	149.033	111.775	Mechanical Noise(机械噪音): 60dBt max)(DC 5v 500pps)		
									齿轮出力参数:		
TV DISTORTION		<0.2%	<0.15%	<0.1%	200	0.116X	121.227	90.92	齿轮齿形: JIS B 1701: 分度圆直径: Ø6.4/Ø48.4		
外观标准		60--40			150	0.151X	93.364	70.023	模数: 0.4 齿顶圆直径: Ø7.2/Ø49.2		
WORKING TEMPERATURE		-40℃~80℃			100	0.216X	65.39	49.05	压力角: 20° 齿根圆直径: Ø5.4/Ø47.4		
STORAGE TEMPERATURE		-40℃~85℃							齿数: 16 / 121 精度: JGMA-116-02 5级		
Common Tolerance		④					Material:		##		
		③					/				
Angle	±0.5°	②							3RD_ANGLE_PROJN		Model:
0.000	±0.01	①									
0.00	±0.03	Rev	Description			Name			Date	1.1"-25MM-20M	
0.0	±0.05	Design	Examine	Checked	Approved	Unit	mm	Part Name: DFA2512D规格书			
0	±0.1				CHKP	Scale	2:1				
						Ver	00				
						Date	2026.02.10				