



1.1" F2.4/16MM /20MEGA/C MOUNT					WORKING DISTANCE	OPTICAL MAGNIFICATION	1.1" FIELD OF VIEW		
FOCAL LENGTH		f=16MM			MM		H	V	
F. NO		F=1:2.4--16			5000	0.003X	4259.51	3194.63	
FOCUS DISTANCE		0.1M--无穷远			2000	0.008X	1718.121	1288.59	
FLANGE BACK		17.526MM IN AIR			1000	0.016X	870.896	653.172	
BACK FOCUS		25.58			900	0.018X	786.159	589.619	
FILTER SCREW SIZE		M40.5*P0.5			800	0.020X	701.417	526.062	
Mount		C口			700	0.023X	616.665	462.499	
REL. ILLUMINATION		≥65%			600	0.026X	531.902	398.926	
Front/Rear Effective Dia		Frontø34.2 Rear ø16.2			500	0.031X	447.119	335.339	
FIELD OF VIEW		<div>SENSOR</div> <div>1.1" 1" 2/3"</div> <div>D 55.7° 51.5° 36.9°</div> <div>H 46.1° 42.4° 30°</div> <div>V 35.5° 32.5° 22.7°</div>			400	0.039X	362.303	271.727	
					350	0.044X	319.876	239.907	
					300	0.051X	277.427	208.070	
					250	0.060X	234.948	176.211	
					200	0.073X	192.418	144.313	
TV DISTORTION			<0.3%	<0.2%	<0.15%	150	0.094X	149.799	112.35
						100	0.132X	107.004	80.253
外观标准		60--40							
WORKING TEPMERATRUE		-40℃~80℃							
STORAGE TEPMERATRUE		-40℃~85℃							

ELECTRICAL CHARACTERISTIC

Rated Voltage(额定电压):	5.0V DC Constant
Operating Voltage Range(使用电压范围):	3.3V~5.0V
Excitation Method(激励方式):	2 Phase Excitation
Coil Resistance(线圈电阻):	19Ω ± 1 0 %
Step Angle(步进角度):	0.12° Step(ref)
Withstand Voltage(耐压):	AC 100 V/3mA
Insulation Resistance(绝缘阻抗):	10M Ω(AT500pps 5v DC)
Mechanical Speciiation(机械特性):	
Final Transmission Ratio(减速比):	20:1
Gear Box3 Output Torque(输出力矩):	450gf·cm/min(AT 500pps,5v DC)
Max.Stew rate(最大连续响应频率):	2500pps/min(AT,5 v DC)
Max.Start rate(最大应答周波数):	1000pps/min(AT,5 v DC)
Mechanical Noise (机械噪音):	60dB (max)1Dc 5v 500pps
齿轮出力参数:	
齿轮齿形:	JIS B 1701 分度圆直径: φ6.4/φ48.4
模数:	0.4 齿顶圆直径: φ7.2/φ49.2
压力角:	20° 齿根圆直径: φ5.4/φ47.4
齿数:	16 / 121 精度: JGMA-116-02 5级

Common Tolerance		④				Material:		##	
Angle	±0.5°	③				/			
		②							
0.000	±0.01	①				3RD_ANGLE_PROJN		Model:	
		Rev	Description		Name	Date		1.1"-16mm-20M	
0.00	±0.03	Design		Examine	Checked	Approved	Unit	mm	Part Name:
0.0	±0.05					CHKP	Scale	2:1	
							Ver	00	Dwg No:
0	±0.1						Date	2026.02.08	
									DFA1612D-SPEC-V0