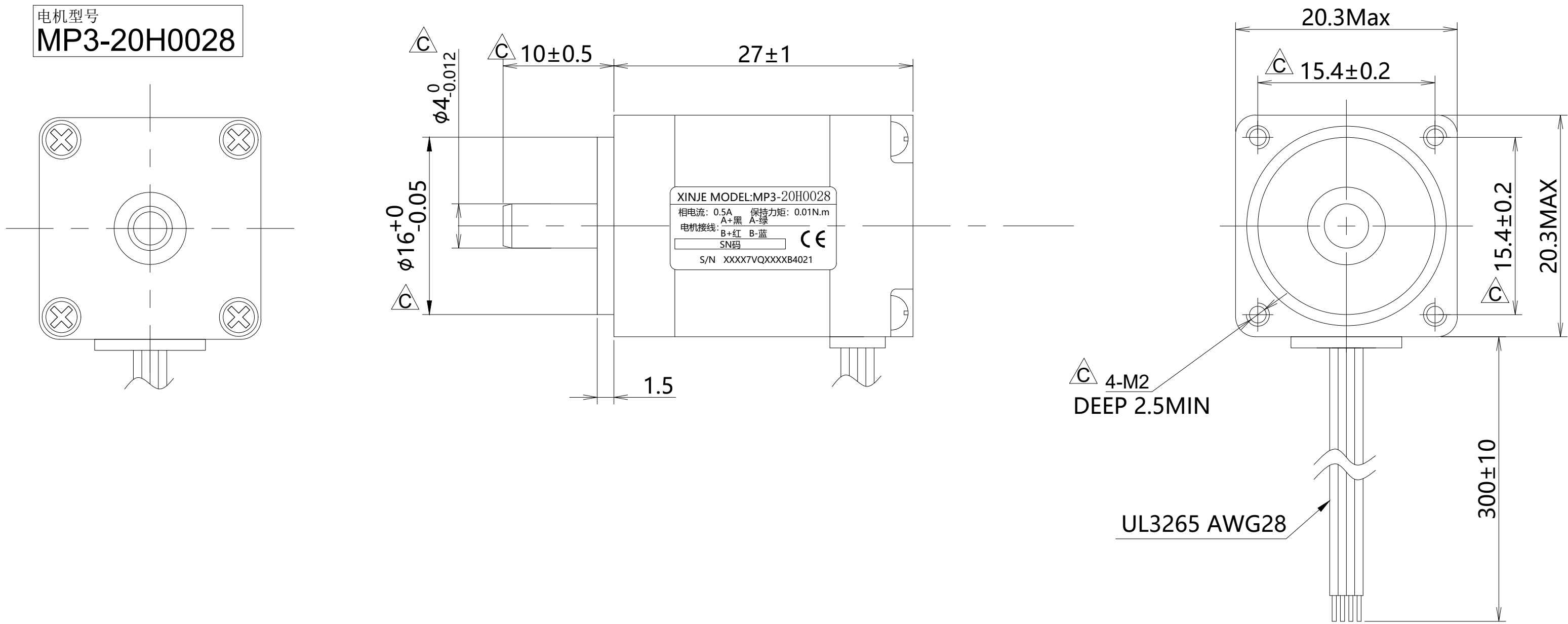




电气特性参数/ELECTRICAL

PARAMETER	
步 进 角/STEP ANGLE	1.8°±5%
相 数 /NO. OF PHASES	2
额定电压/RATED VOLTAGE	4.0 V
额定电流/RATED CURRENT	0.5 A
电 阻 /RESISTANCE	8.0 ohm±10% AT 25°C
电 感 /INDUCTANCE	2.0 mH±20% AT 1kHz,1Vrms
保持力矩/HOLDING TORQUE	0.028N.m(4.0oz.in)TYP.注/NOTE)1
运行力矩（AT --PPS） RUNNING TORQUE(AT --PPS)	--- 以上/MIN. (--V.DC,--A/相(PHASE),--相励磁/EX)
绝缘耐压/DIELECTRIC STRENGTH	500V A.C 1分钟/MINUTE
绝缘电阻/INSULATION RESISTANCE	100 MΩ以上/MIN.
绝缘等级/INSULATION CLASS	CLASS B
温度上升/TEMPERATURE RISE	80K MAX. 注/NOTE) 2
转子惯量/ROTOR INERTIA	2g.cm ² (0.01oz.in ²)
重 量 /WEIGHT	约/APPROX. 60克/g(2.11oz)
允许轴向负载/ALLOWABLE THRUST LOAD	20N
允许径向负载/ALLOWABLE RADIAL LOAD	20N (轴端/ON THE SHAFT END)
运行环境温度/OPERATION AMBIENT TEMPERATURE	20°C----+50°C
运行环境湿度/OPERATION AMBIENT HUMIDITY	15%----90%
寿 命 /LIFE	5000小时/HOURS 注/NOTE) 3

备注/NOTE):

- 额定电流，两相同时通电/AT RATED CURRENT,TWO PHASES ON.
- 热阻法：电机安装在60*60*T5的铝板上，电机线圈两端通额定电压，0PPS /MEASURED BY RESISTANCE METHOD. MOUNT WITH ALUMINUM HEAT SINK 60*60*T5 AT TWO WINDING BE EXCITED BY RATED VOLTAGE,0PPS,2PHASE ON.
- 寿命测试条件：整步，运行速度为500PPS，轴承的表面温度不超过70°C LIFE TEST CONDITION:2PHASE EXCITING,FULL STEP,AT 500PPS. STARTING PULSE

励磁顺序(2相励磁)VS.旋转方向

EXCITING SEQUENCE(TWO PHASES)
VS.DIRECTION OF ROTATION

STEP	A	B	$\bar{A}$	$\bar{B}$	
1	+	+	-	-	CCW ↑
2	-	+	+	-	
3	-	-	+	+	
4	+	-	-	+	

从安装面看为顺时针方向
CLOCKWISE VIEW FROM MOUNTING S

铭牌详细图

LABEL

DETAIL

XINJE MODEL:MP3-20H0028

相电流: 0.5A 保持力矩: 0.028N.m

电机接线: A+黑 A-绿

B+红 B-蓝

SN码

S/N XXXX7VQXXXXB4021

黑色端盖/BLACK ENDBELL

CONFIRMED&ACCEPTED BY CUSTOMER

(客户确认&接受)

COMPANY

CHOP&SIGNATURE (盖章&签名)

一般公差

TOLERANCE $\pm 0.3/\pm 3^\circ$

制图

DESIGNED

CHECKED

APPROVED

XB

2025-01-13

型号/MODEL

MP3-20H0028

备注

NOTE

REV.

A

三视图

THIRD ANGLE

PROJECTION

无锡信捷电气股份有限公司

页

SHEET

1/1