

接线表

端子		X1 电源				X4 I/O												X2 IN					X3 OUT				
位号		红	黑	棕	灰	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	外壳	1	2	3	4	外壳
信号	CANopen	VCC	GND	RES+	RES-	DO1+	DO_COM	A11	AGND	BAT_PWR	GND	STO_FB+/DI1+	STO_FB-/DI1-	NC/DI2+	STO_COM/DI2-	STO2/DI3+	STO1/DI3-	GND	CAN_L	CAN_H	GND	PE	GND	CAN_L	CAN_H	GND	PE
	EtherCAT	VCC	GND	RES+	RES-	DO1+	DO_COM	A11	AGND	BAT_PWR	GND	STO_FB+/DI1+	STO_FB-/DI1-	NC/DI2+	STO_COM/DI2-	STO2/DI3+	STO1/DI3-	TX+	RX+	RX-	TX-	PE	TX+	RX+	RX-	TX-	PE
	RS485	VCC	GND	RES+	RES-	DO1+	DO_COM	A11	AGND	BAT_PWR	GND	STO_FB+/DI1+	STO_FB-/DI1-	NC/DI2+	STO_COM/DI2-	STO2/DI3+	STO1/DI3-	GND	RS485+	RS485-	GND	PE	GND	RS485+	RS485-	GND	PE

版本
REV. MARK

A01

变更内容

REVISION RECORD

增加接地螺孔

签名

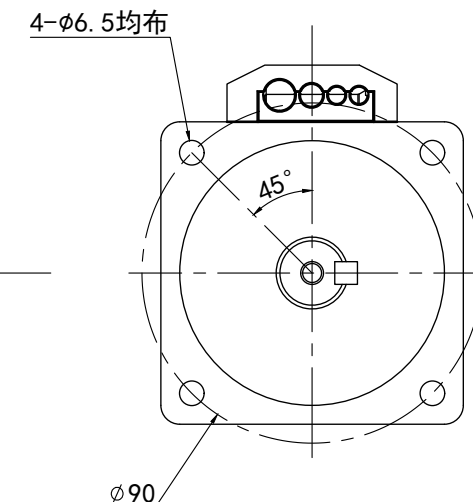
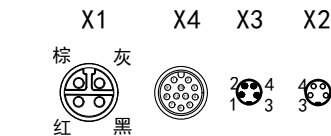
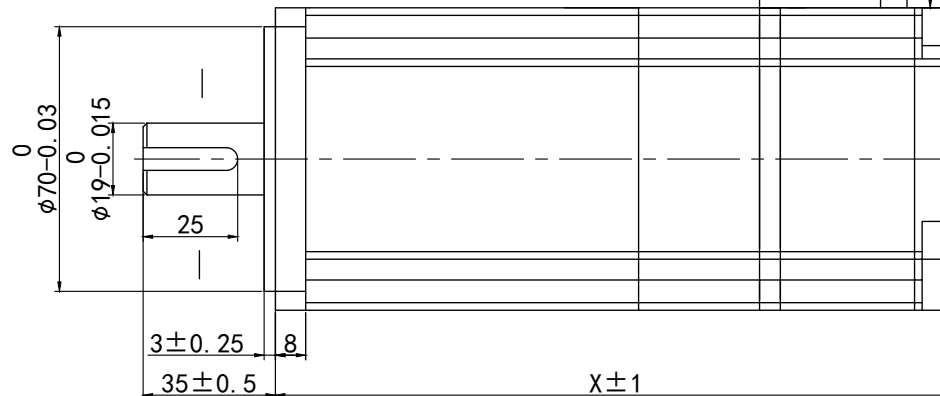
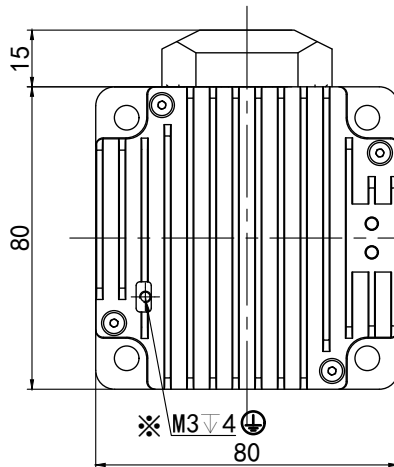
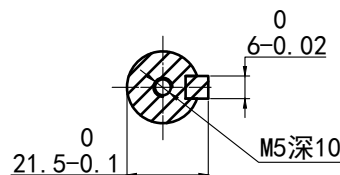
SIGNATURE

耿源

日期

DATE

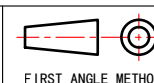
2025/4/21



	PSMB8063-X-OHE (B) -LP
额定功率/Rated Power	630W
额定电压/Rated Voltage	48VDC
额定电流/Rated Current	19.4A
额定转矩/Rated Torque	4Nm
额定转速/Rated Speed	1500rpm
峰值转矩/Peak Torque	8Nm
制动器电压/Brake Voltage	(24VDC)
制动器功率/Brake Power	(11.5W)
运行方式/Operation Mode	PP/PV/PT/CSP/Home
转子惯量/Rotor Inertia	1.07*10 ⁻⁴ Kg.m ²
重量/Weight	2.9kg (3.6kg)
工作环境温度/Working Temperature	0~40℃
工作环境湿度/Environment Humidity	10%RH~85%RH无凝结

型号	X (mm)
PSMB8063-X-OHE-LP	138
PSMB8063-X-OHEB-LP	173.5

未注尺寸公差 DEFAULT DIMENSIONAL TOLERANCE	未注形位公差 DEFAULT GEOMETRIC TOLERANCE
GB/T 1804-M	GB/T 1184-K



FIRST ANGLE METHOD

北京立迈胜控制技术有限公司
Beijing Nimotion Control Technology Co., Ltd.

设计DRAWN	耿源	2025/1/2	图号 DWG NO.	LMS-C20-24113	型号 MODEL	PSMB8063-X-OHE (B) -LP
审核CHK'D	任君	2025/1/2	物料编码 P/N		名称 TITLE	一体化低压伺服电机
批准APPV'D	董春禄	2025/1/2	版本 REV	A01	图幅 SIZE	A4
					比例 SCALE	1:2
						共 1 张 第 1 张 SHEET 1 OF 1