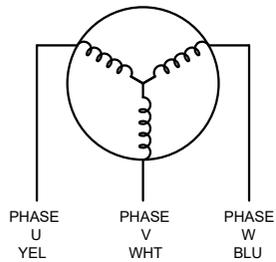
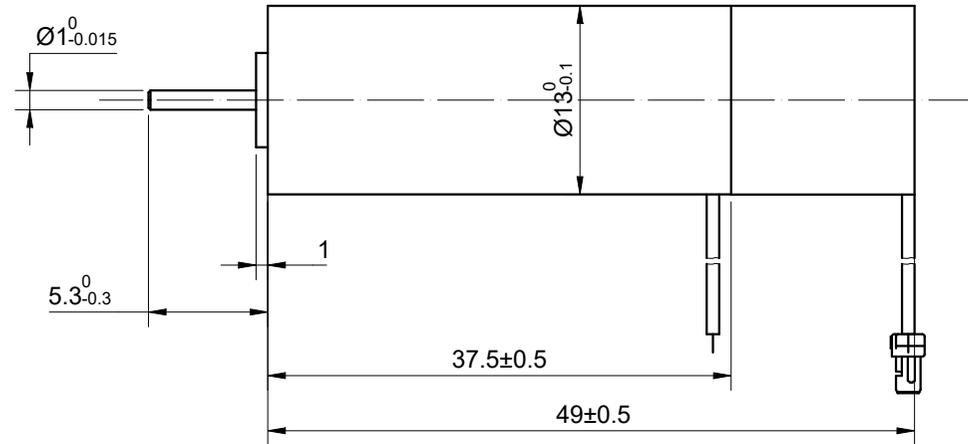
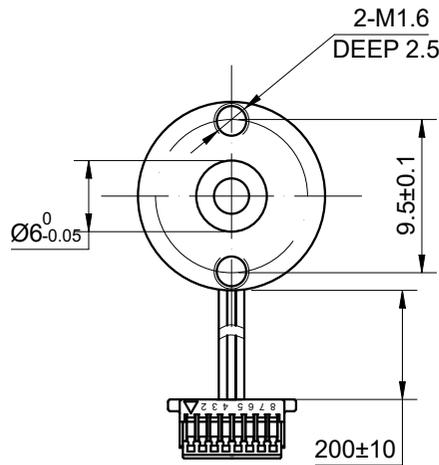


DWG NO. -

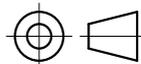


PHASE LINE: 0.2mm²

ENCODER (1024PPR) AWG32 JST SUHR-08V-S-B 8P 0.08mm								
PIN NO.	8	7	6	5	4	3	2	1
DESCRIPTION	VCC	GND	EA+	EB+	EZ+	EA-	EB-	EZ-

SPECIFICATION	VALUE
RATED VOLTAGE(V)	48
TERMINAL RESISTANCE(Ohms)	5.5
TERMINAL INDUCTANCE(mH)	0.25
NO LOAD SPEED(RPM)	52000
NO LOAD CURRENT(A)	0.2
RATED SPEED(RPM)	48000
RATED CURRENT(A)	0.37
RATED TORQUE(mNm)	3.2
RATED POWER(W)	16.08
THE GREATEST POWER OUTPUT(W)	99.98
EFFICIENCY(%)	72.02
TORQUE CONSTANT (mNm/A)	8.61
STALL TORQUE (mNm)	73.44
BACK-EMF CONSTANT (mV/RPM)	0.90
SPEED CONSTANT (RPM/V)	1108.74
FRICITION TORQUE(mNm)	1.72
CURRENT CONSTANT (A/mNm)	0.12

UNIT mm
 GB/T 1804-M EQV.ISO 2768-1 CLASS M:
 <=6 ±0.1
 >6~30 ±0.2
 >30~120 ±0.3
 >120~400 ±0.5



mm			
UNITS	DRN	MYX	1.13.2026
3:2	APVD	LDJ	1.13.2026
SCALE	SIGNATURE	DATE	

OSMTEC[®]
 Stepper Motor Specialists

BRUSHLESS DC MOTOR

13CL38-48-P2-48000