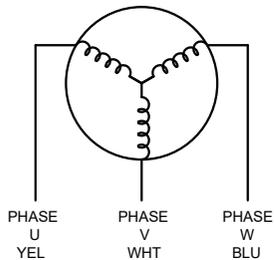
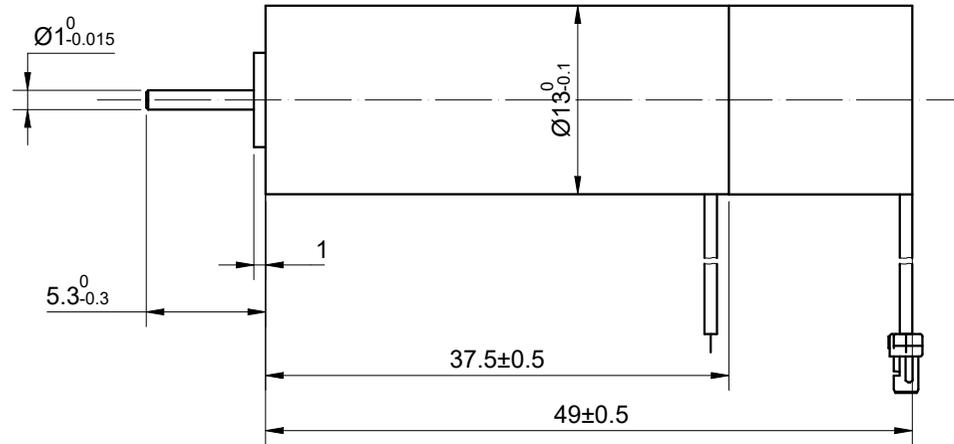
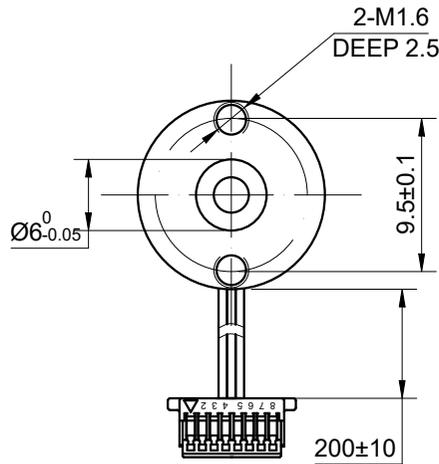


DWG NO. -



PHASE LINE: 0.2mm<sup>2</sup>

ENCODER (1024PPR) AWG32 JST SUHR-08V-S-B 8P 0.08mm

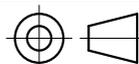
PIN NO.	8	7	6	5	4	3	2	1
DESCRIPTION	VCC	GND	EA+	EB+	EZ+	EA-	EB-	EZ-

SPECIFICATION	VALUE
RATED VOLTAGE(V)	36
TERMINAL RESISTANCE(Ohms)	5.5
TERMINAL INDUCTANCE(mH)	0.25
NO LOAD SPEED(RPM)	39000
NO LOAD CURRENT(A)	0.18
RATED SPEED(RPM)	35700
RATED CURRENT(A)	0.36
RATED TORQUE(mNm)	3.11
RATED POWER(W)	11.63
THE GREATEST POWER OUTPUT(W)	55.71
EFFICIENCY(%)	69.58
TORQUE CONSTANT (mNm/A)	8.57
STALL TORQUE (mNm)	54.57
BACK-EMF CONSTANT (mV/RPM)	0.90
SPEED CONSTANT (RPM/V)	1113.97
FRICITION TORQUE(mNm)	1.54
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

**OSMTEC**<sup>®</sup>  
Stepper Motor Specialists



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

**BRUSHLESS DC MOTOR**

**13CL38-36-P2-35700**