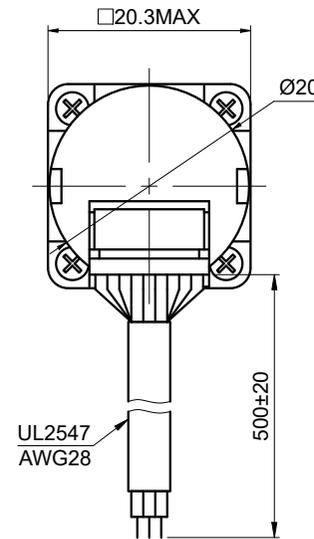
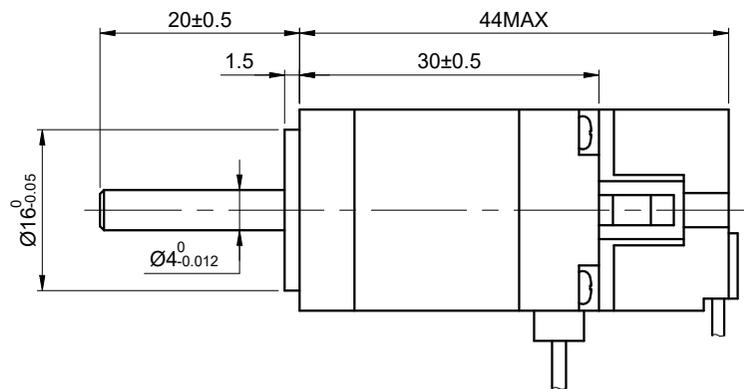
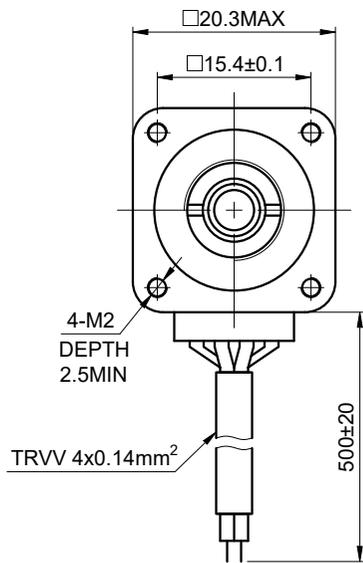


DWG NO. -



ENCODER RESOLUTION:1000PPR(4000CPR)

LEAD COLOR	RED	BLK	WHT	BLU	GRN	BRN	YEL	PUE
DESCRIPTION	VCC	GND	EA+	EA-	EB+	EB-	EZ+	EZ-

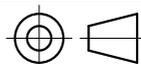
FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-		CCW
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		

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

WINDING			CONNECTION	BIPOLAR
			SPECIFICATION	
			AMPS/PHASE	0.60
			RESISTANCE/PHASE(Ohms)@25°C	6.50±10%
			INDUCTANCE/PHASE(mH)@1KHz	1.60±20%
			HOLDING TORQUE(Nm)[lb-in]	0.015[0.13]
			STEP ANGLE(°)	1.80
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm <sup>2</sup> )	3.20
1	A+	BLK	WEIGHT(Kg)[lb]	—
2	A-	GRN	AMBIENT TEMPERATURE	-10°C~50°C[14°F~122°F]
3	B+	RED	INSULATION CLASS	B 130°C[266°F]
4	B-	BLU	TEMPERATURE RISE	MAX.80°C

**OSMTEC**®  
 Stepper Motor Specialists



mm

UNITS

3:2

SCALE

DRN

APVD

SIGNATURE

ZPJ

YSX

DATE

1.15.2026

1.15.2026

**STEPPER MOTOR**

**8HS12-0604D-E1000**