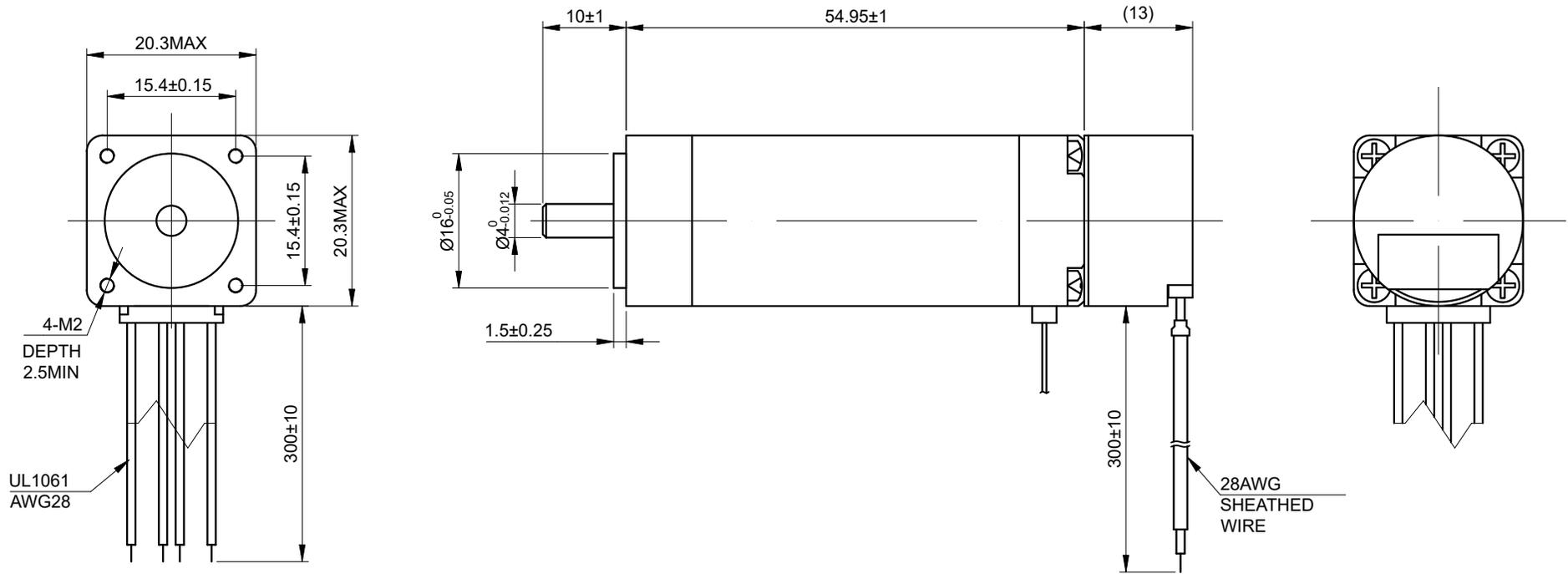


DWG NO. -



ENCODER RESOLUTION:1000PPR(4000CPR)

LEAD COLOR	BLK	RED	WHT	ORG	GRY	YEL	GRN	BLU	SHIELD
DESCRIPTION	EA+	VCC	GND	EZ+	EZ-	EB+	EB-	EA-	NC

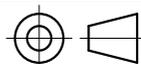
FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

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	0.80
			RESISTANCE/PHASE(Ohms)@25°C	8.50±10%
			INDUCTANCE/PHASE(mH)@1KHz	4.40±20%
			HOLDING TORQUE(Nm)[lb-in]	0.054 [0.48]
			STEP ANGLE(°)	1.80
			STEP ACCURACY(NON-ACCUM)	±5.00%
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm ²)	—
1	A+	BLK	WEIGHT(Kg)[lb]	—
2	A-	GRN	AMBIENT TEMPERATURE	0°C~50°C[32°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	DRN	ZPJ	1.15.2026
3:2	APVD	YSX	1.15.2026
SCALE	SIGNATURE	DATE	

STEPPER MOTOR

8HS22-0804D-E1000