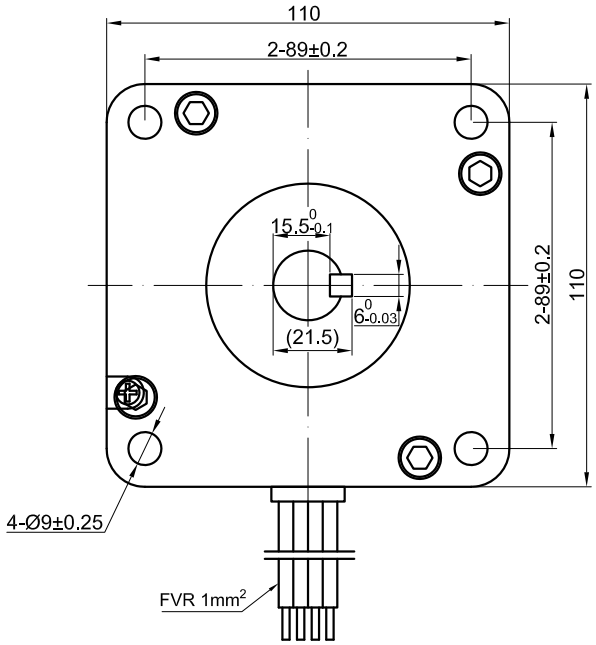
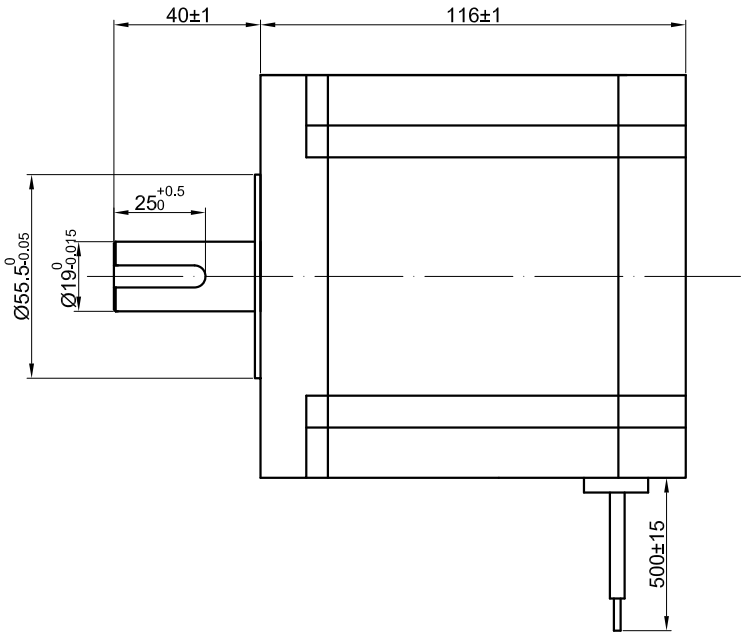


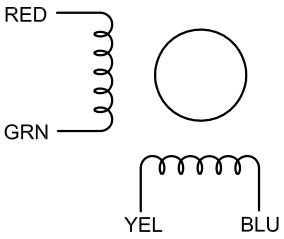


SPECIFICATION / CONNECTION	BIPOLAR
AMPS/PHASE	6.00
RESISTANCE/PHASE(Ohms)@20°C	0.50±10%
INDUCTANCE/PHASE(mH)@1KHz	8.40±20%
HOLDING TORQUE(Nm)[lb-in]	12.00[102.29]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	7200.00
TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE ENERGIZED）	
AMBIENT TEMPERATURE -20°C~50°C[-4°F~122°F]	
INSULATION CLASS B 130°C[266°F]	
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	
INSULATION RESISTANCE 100 Mohm（UNDER NORMAL TEMPERATURE AND HUMIDITY）	
AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)	

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A —	RED	A
2	A\ —	GRN	A\
3	B —	YEL	B
4	B\ —	BLU	B\

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

STEP	A	B	A\	B\		CCW
1	+	+	-	-	↓	↑
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+	CW	



OY STEPPER

	APVD		4.16.2019	STEPPER MOTOR
	CHKD			
1:2	DRN			42HS46-6004S
SCALE	SIGNATURE		DATE	