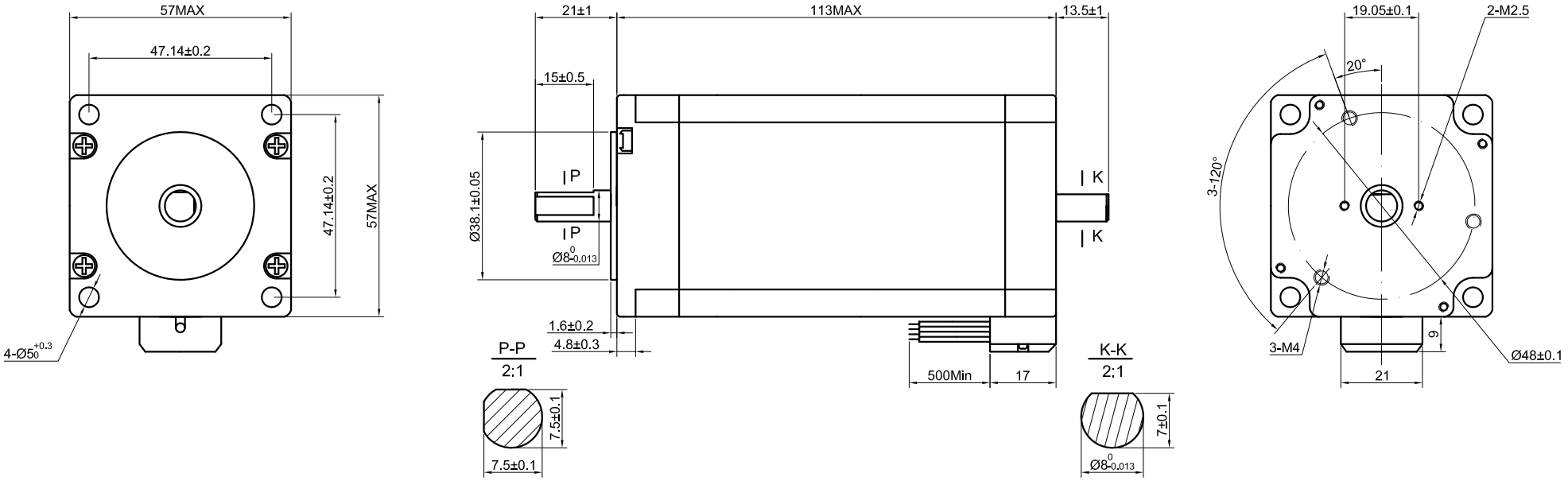
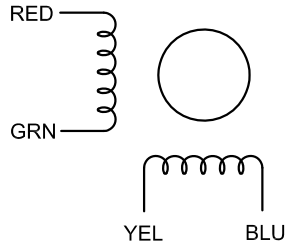


SPECIFICATION / CONNECTION	BIPOLAR
AMPS/PHASE	4.20
RESISTANCE/PHASE(Ohms)@25°C	0.90±10%
INDUCTANCE/PHASE(mH)@1KHz	3.80±20%
HOLDING TORQUE(Nm)[lb-in]	2.80[24.78]
STEP ANGLE(°)	1.80
STEP ACCURACY(NON-ACCUM)	±5.00%
LEAD STYLE	FVR 4X0.5mm² CABLE
LIFE(h)	6000
TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE ENERGIZED）	
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]	
INSULATION RESISTANCE 100 Mohm（UNDER NORMAL TEMPERATURE AND HUMIDITY）	
INSULATION CLASS B 130°C[266°F]	
DIELECTRIC STRENGTH 500VAC FOR 1MIN.(BETWEEN THE MOTOR COILS AND THE MOTOR CASE)	
AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)	

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

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

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



STEPPERONLINE®

	APVD		8.21.2019	STEPPER MOTOR
	CHKD			
1:1.5	DRN			23HS45-4204D
SCALE	SIGNATURE		DATE	