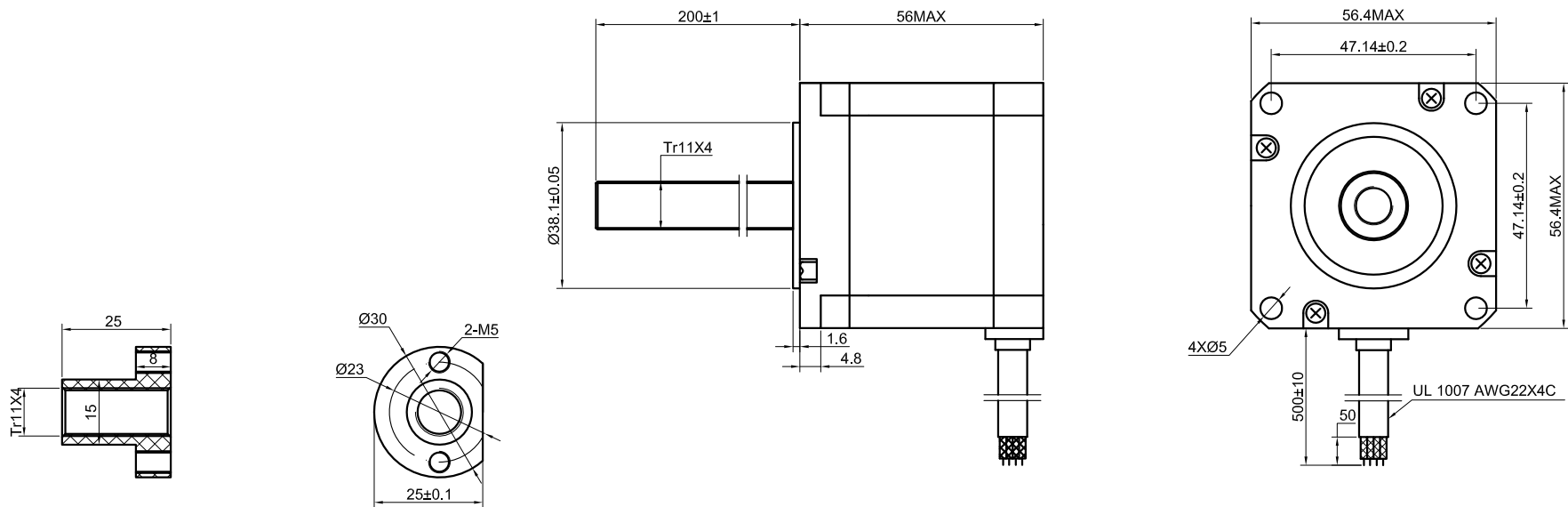


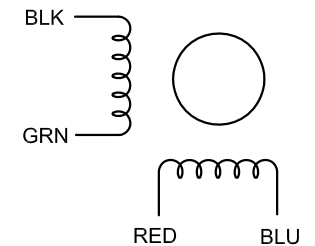


SPECIFICATION	CONNECTION	BIPOLAR
VOTAGE(VOC)		7.20
AMPS/PHASE		2.00
RESISTANCE/PHASE(Ohms)@25°C		3.60±10%
INDUCTANCE/PHASE(mH)@1KHz		12.00±20%
HOLDING TORQUE(Nm)[lb-in]		1.20[10.62]
LINEAR TRAVEL/STEP(mm)		0.02
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm²)		280.00
WEIGHT(Kg)[lb]		0.65[1.43]
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 —	BLK	
2	A\ —	GRN	
3	B —	RED	
4	B\ —	BLU	

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

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



STEPPER MOTOR

23LS22-2004E-200U

APVD

CHKD

1:1.5

SCALE

SIGNATURE

DATE