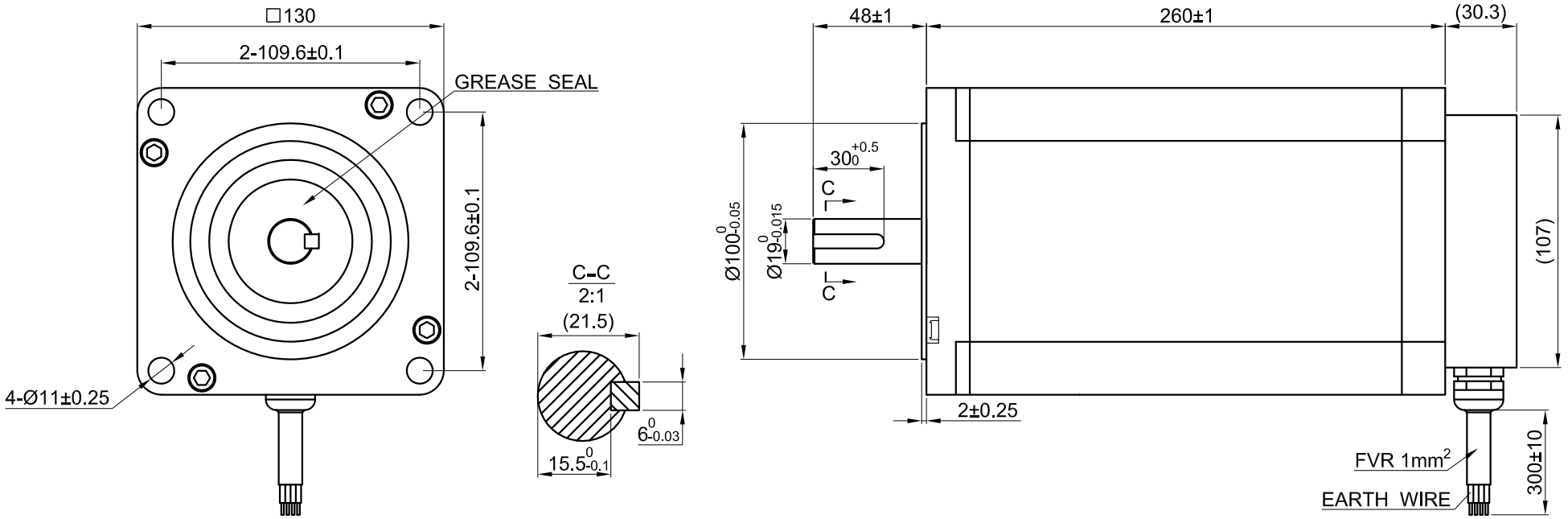
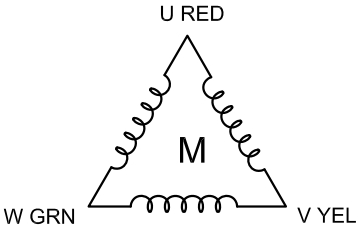


SPECIFICATION	VALUE
NUMBER OF PHASE	3.00
AMPS/PHASE	5.00
RESISTANCE/PHASE(Ohms)@20°C	2.75±10%
INDUCTANCE/PHASE(mH)@1KHz	32.00±20%
HOLDING TORQUE(Nm)[lb-in]	50.00[442.87]
STEP ANGLE(°)	1.20
STEP ACCURACY(NON-ACCUM)	±5.00%
ROTOR INERTIA(g-cm²)	43000.00
TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE 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)	

TYPE OF CONNECTION (EXTERN)		MOTOR
PIN NO	BIPOLAR	LEADS
1	U	RED
2	V	YEL
3	W	GRN
4	GND	BLK



FULL STEP 3 PHASE-Ex. ,
WHEN FACING MOUNTING END (X)

STEP	1	2	3	4	5	6
U	+		-	-		+
V	-	-		+	+	
W		+	+		-	-
→ CW						

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	APVD		4.18.2019	STEPPER MOTOR
	CHKD			
1:2.5	DRN			52HT102-5003S
SCALE	SIGNATURE		DATE	