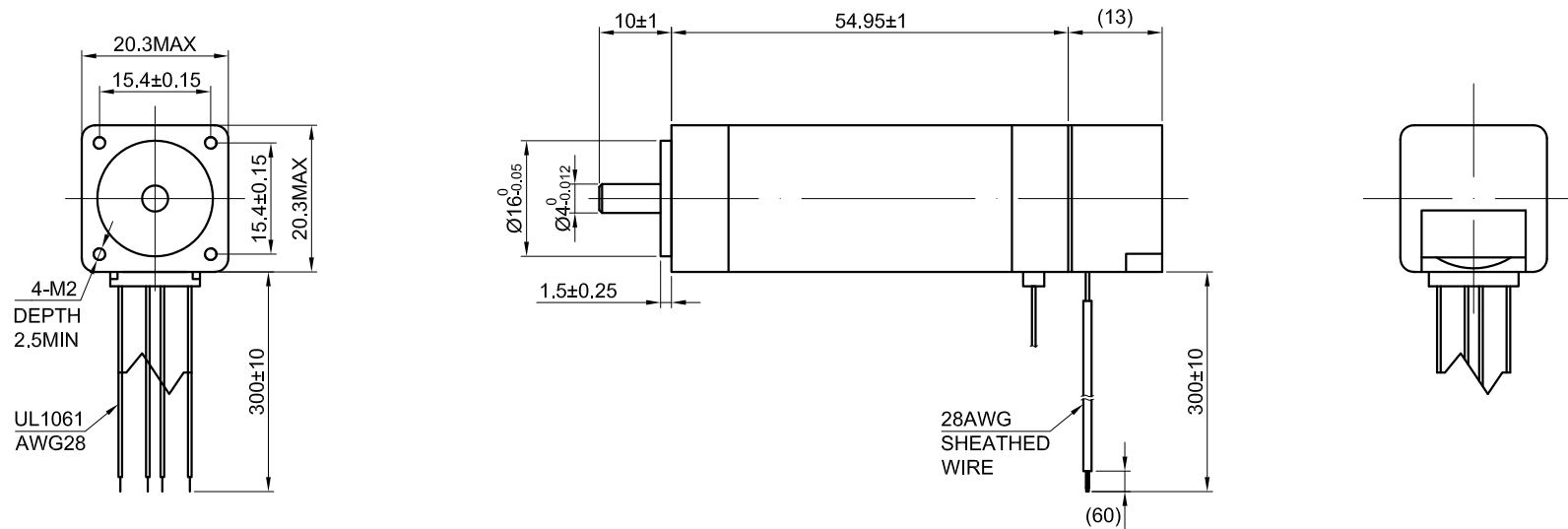
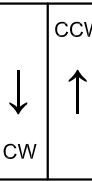


SPECIFICATION		CONNECTION		BIPOLAR							
AMPS/PHASE				0.80							
RESISTANCE/PHASE(Ohms)@20°C				8.50±10%							
INDUCTANCE/PHASE(mH)@1KHz				5.60±20%							
HOLDING TORQUE(Nm)[lb-in]				0.054 [0.48]							
STEP ANGLE(°)				1.8							
STEP ACCURACY(NON-ACCUM)				±5.00%							
ROTOR INERTIA(g-cm²)				—							
WEIGHT(Kg)[lb]				—							
TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)											
OPERATION AMBIENT TEMPERATURE 0°C~50°C[32°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)											
				APVD		9.19.2019	STEPPER MOTOR				
				CHKD							
		1:1		DRN				8HS22-0804D-E1000			
		SCALE		SIGNATURE		DATE					

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A —	BLK	A 
2	A\ —	GRN	A\ 
3	B —	RED	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	+	-	-	+		

ENCODER RESOLUTION:1000PPR

ENCODER CONNECTIONS	1	2	3	4	5	6	7	8	9
LEAD COLOR	BLK	RED	WHT	ORG	GRY	YEL	GRN	BLU	SHIELD
DESCRIPTION	EA+	VCC	GND	NC	NC	EB+	EB-	EA-	NC

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

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

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

ENCODER RESOLUTION:1000PPR

ENCODER CONNECTIONS	1	2	3	4	5	6	7	8	9
LEAD COLOR	BLK	RED	WHT	ORG	GRY	YEL	GRN	BLU	SHIELD
DESCRIPTION	EA+	VCC	GND	NC	NC	EB+	EB-	EA-	NC