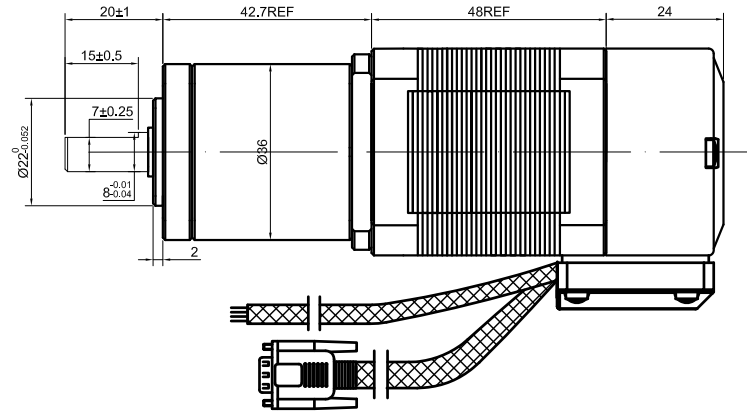
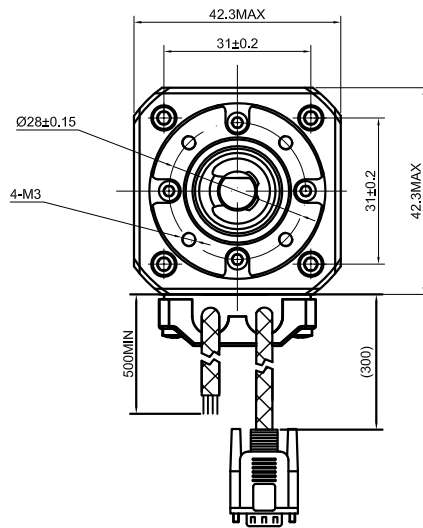




SPECIFICATION \ CONNECTION		BIPOLAR	
AMPS/PHASE		1.68	
RESISTANCE/PHASE(Ohms)@25°C		1.80±10%	
INDUCTANCE/PHASE(mH)@1KHz		3.20±20%	
HOLDING TORQUE(Nm) w/o GEARBOX(Nm)[lb-in]		0.52[4.6]	
GEAR RATIO		99 ¹⁰⁴ / ₂₀₅₇	
EFFICIENCY		73.00%	
STEP ANGLE w/o GEARBOX(°)		1.80	
BACKLASH@NO-LOAD		<=1°	
MAX.PERMISSIBLE TORQUE(Nm)		4.00	
MOMENT PERMISSIBLE TORQUE(Nm)		6.00	
SHAFT MAXIMUM AXIAL LOAD(N)		50.00	
SHAFT MAXIMUM RADIAL LOAD(N)		100.00	
LEAD STYLE		AWG26 UL1007	
TEMPERATURE RISE:MAX.80°C（MOTOR STANDSTILL;FOR 2PHASE ENERGIZED）			
AMBIENT TEMPERATURE -10°C~50°C[14°F~122°F]			
INSULATION CLASS B 130°C[266°F]			

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

DB MALE PLUG

PIN 11
PIN 12
PIN 13

PIN 1
PIN 2
PIN 3

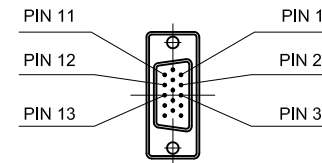
ENCODER RESOLUTION:1000PPR(4000CPR)

15-PIN DB MALE PLUG	1	2	3	11	12	13
LEAD COLOR	BLK	RED	WHT	YEL	GRN	BLU
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

	APVD		10.16.2021	STEPPER MOTOR
	CHKD			
	1:1.5	DRN		17HS19-1684D-PG100-E1000
	SCALE	SIGNATURE	DATE	

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

DB MALE PLUG



ENCODER RESOLUTION:1000PPR(4000CPR)

15-PIN DB MALE PLUG	1	2	3	11	12	13
LEAD COLOR	BLK	RED	WHT	YEL	GRN	BLU
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-