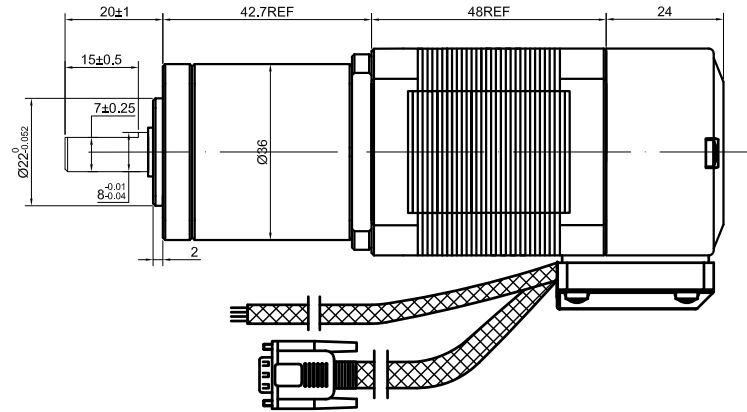
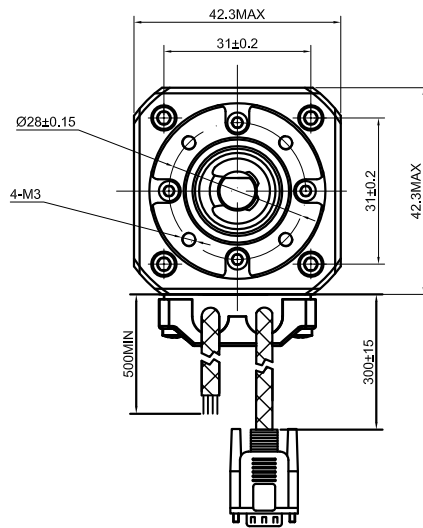
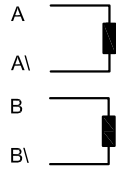
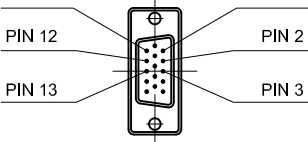




SPECIFICATION		CONNECTION		BIPOLAR	
AMPS/PHASE				1.68	
RESISTANCE/PHASE(Ohms)@25°C				1.80±10%	
INDUCTANCE/PHASE(mH)@1KHz				3.20±20%	
HOLDING TORQUE(Nm) w/o GEARBOX(Nm)[lb-in]				0.52[4.6]	
GEAR RATIO				50 ⁴³⁹⁷ / ₄₉₁₃	
EFFICIENCY				73.00%	
STEP ANGLE w/o GEARBOX(°)				1.80	
BACKLASH@NO-LOAD				<=1°	
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



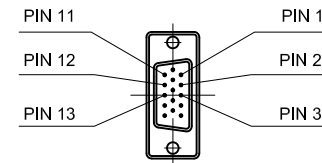
15-PIN DB MALE PLUG	1	2	3	11	12	13
LEAD COLOR	BLK	RED	WHT	YEL	GRN	BLU
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

		APVD		8.21.2018	STEPPER MOTOR
		CHKD			
		1:1.5	DRN		
		SCALE	SIGNATURE	DATE	

17HS19-1684D-PG51-E1000

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



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-