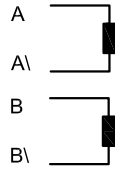
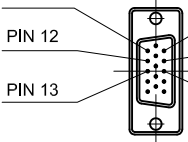


SPECIFICATION		CONNECTION		BIPOLAR		
AMPS/PHASE				1.68		
RESISTANCE/PHASE(Ohms)@25°C				1.80±10%		
INDUCTANCE/PHASE(mH)@1KHz				3.20±20%		
HOLDING TORQUE(Nm) w/o GEARBOX(Nm)[lb-in]				0.52[4.6]		
GEAR RATIO				13 ²¹² / ₂₈₈		
EFFICIENCY				81.00%		
STEP ANGLE w/o GEARBOX(°)				1.80		
BACKLASH@NO-LOAD				<=1°		
MAX.PERMISSIBLE TORQUE(Nm)				3.00		
MOMENT PERMISSIBLE TORQUE(Nm)				5.00		
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]						
			APVD		3.8.2019	STEPPER MOTOR
			CHKD			
		1:1.5	DRN			
		SCALE	SIGNATURE	DATE		
17HS19-1684D-PG14-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



PIN 11

PIN 12

PIN 13

PIN 1

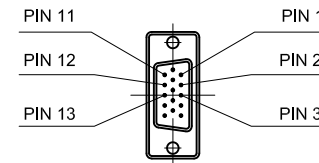
PIN 2

PIN 3

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-

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