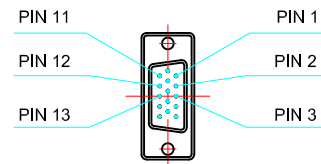


SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		0.40
RESISTANCE/PHASE(Ohms)@25°C		30.00±10%
INDUCTANCE/PHASE(mH)@1KHz		37.00±20%
HOLDING TORQUE(Nm) w/o GEARBOX(Nm)[lb-in]		0.26[2.3]
GEAR RATIO		13 <sup>212</sup> / <sub>289</sub>
EFFICIENCY		81.00%
STEP ANGLE w/o GEARBOX(°)		1.80
BACKLASH@NO-LOAD		<=1°
MAX.PERMISSIBLE 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]		

TYPE OF CONNECTION (EXTERN)		MOTOR	
PIN NO	BIPOLAR	LEADS	WINDING
1	A —	GEN	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-



APVD		8.21.2018
CHKD		
1:1.5	DRN	
SCALE	SIGNATURE	DATE

**STEPPER MOTOR**

**17HS13-0404D-PG14-E1000**