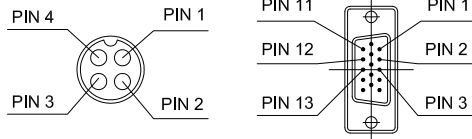


4-PIN GX16 FEMALE PLUG 15-PIN DB MALE PLUG



SPECIFICATION CONNECTION

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		2.00
RESISTANCE/PHASE(Ohms)@20°C		1.35±10%
INDUCTANCE/PHASE(mH)@1KHz		2.80±20%
HOLDING TORQUE(Nm)[lb-in]		0.48 [4.25]
STEP ANGLE(°)		1.8±0.09
MAXIMUM RADIAL RUNOUT(mm)@LOAD 450g		0.025
MAXIMUM AXIAL RUNOUT(mm)@LOAD 920g		0.075
ROTOR INERTIA(g-cm <sup>2</sup> )		77
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)

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

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

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

15-PIN DB MALE PLUG	1	2	3	11	12	13
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

	APVD		7.12.2019
	CHKD		
1:1	DRN		
SCALE	SIGNATURE		DATE

**STEPPER MOTOR**

**17E1K-05**