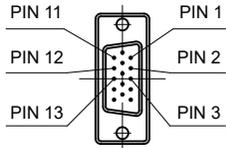
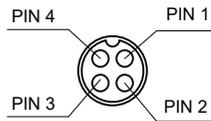


4-PIN GX16 FEMALE PLUG 15-PIN DB MALE PLUG

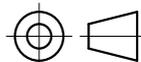


ENCODER RESOLUTION:1000PPR(4000CPR)						
15-PIN DB MALE PLUG	1	2	3	11	12	13
DESCRIPTION	EA+	VCC	GND	EB+	EB-	EA-

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

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

UNIT mm
 GB/T 1804-M EQV.ISO
 2768-1 CLASS M:
 <=6 ±0.1
 >6~30 ±0.2
 >30~120 ±0.3
 >120~400 ±0.5



mm

UNITS

2:3

SCALE

WINDING			CONNECTION		BIPOLAR
			SPECIFICATION		
			AMPS/PHASE		4.00
			RESISTANCE/PHASE(Ohms)@25°C		0.45±10%
			INDUCTANCE/PHASE(mH)@1KHz		1.40±20%
			HOLDING TORQUE(Nm)[lb-in]		1.20 [10.63]
			STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%			
PIN NO	BIPOLAR	LEADS	ROTOR INERTIA(g-cm ²)		280
1	A+	--	WEIGHT(Kg)[lb]		--
2	A-	--	AMBIENT TEMPERATURE		-10°C~50°C[14°F~122°F]
3	B+	--	INSULATION CLASS		B 130°C[266°F]
4	B-	--	TEMPERATURE RISE		MAX.80°C

OSMTEC®
 Stepper Motor Specialists

STEPPER MOTOR

23E1K-12

DRN	ZPJ	1.13.2026
APVD	YSX	1.13.2026
SIGNATURE	DATE	