



SPECIFICATION	CONNECTION	BIPOLAR
VOTAGE(VOC)		5.00
AMPS/PHASE		0.24
RESISTANCE/PHASE(Ohms)@25°C		21.30±10%
INDUCTANCE/PHASE(mH)@1KHz		3.83±20%
MINIMAL THRUST(N)@300 PPS		10.00
LEAD(mm)		4.00
LINEAR TRAVEL/STEP(mm)		0.02
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
LEAD TYPE		AWG 28
TEMPERATURE RISE:MAX.80°C (MOTOR STANDSTILL;FOR 2PHASE ENERGIZED)		
AMBIENT TEMPERATURE -10°C~50°C[14°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)		
AMBIENT HUMIDITY MAX.85%(NO CONDENSATION)		

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

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

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



APVD		
CHKD		
1.5:1	DRN	
SCALE	SIGNATURE	DATE

STEPPER MOTOR

8LS11-0244AD-150E