



SPECIFICATION	CONNECTION	UNIPOLAR
VOTAGE(VOC)		12.00
AMPS/PHASE		0.40
RESISTANCE/PHASE(Ohms)@25°C		30.00±10%
INDUCTANCE/PHASE(mH)@1KHz		25.00±20%
HOLDING TORQUE(Nm)[lb-in]		0.32[2.83]
LINEAR TRAVEL/STEP(mm)		0.01
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
ROTOR INERTIA(g-cm²)		68.00
WEIGHT(Kg)[lb]		0.35[0.77]
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)		

STEP	A	B	$\bar{A}$	$\bar{B}$	O(O)	CW
1	+	+			+	
2		+	+		+	
3			+	+	+	
4	+			+	+	
1	+	+			+	

**UNIPOLAR**

RED  
BRN  
YEL

GRY ORG GRN

**BIPOLAR SERIES**

RED  
YEL

GRY GRN



APVD		
CHKD		
1:1	DRN	
SCALE	SIGNATURE	DATE

**STEPPER MOTOR**

**17LS19-0406E-330Y**