

**Motor No.: 5618S-58-01**

<b>FULL STEP ANGLE</b>	1.8°
<b>MOTOR FRAME SIZE</b>	NEMA Size 23
<b>BODY LENGTH</b>	2.01" Maximum
<b>RATED CURRENT/PHASE</b>	2Amps
<b>RESISTANCE/PHASE</b>	2.6Ω ±10%
<b>INDUCTANCE/PH</b>	7.83mH±20%
<b>ROTOR INERTIA</b>	0.6oz-in <sup>2</sup>
<b>BEARING TYPE</b>	ABEC3
<b>NOMINAL HOLDING TORQUE 2 PHASE ON (±10%)</b>	130.88 oz-in
<b>AMBIENT OPERATING TEMPERATURE</b>	-20° C to 50° C
<b>AMBIENT OPERATING HUMIDITY(non condensing)</b>	85% Max
<b>LEAD WIRES</b>	(4) # 22 AWG PVC
<b>DIELECTRIC STRENGTH</b>	500V
<b>LEAD WIRE CONNECTION</b>	

- A BLACK
- $\bar{A}$  ORANGE
- B RED
- $\bar{B}$  YELLOW

Switching Sequence					
CCW	STEP	A	$\bar{A}$	B	$\bar{B}$
↓	1	+	-	+	-
	2	+	-	-	+
	3	-	+	-	+
	4	-	+	+	-
	1	+	-	+	-
Motor Rotation Viewed from Front Shaft End					