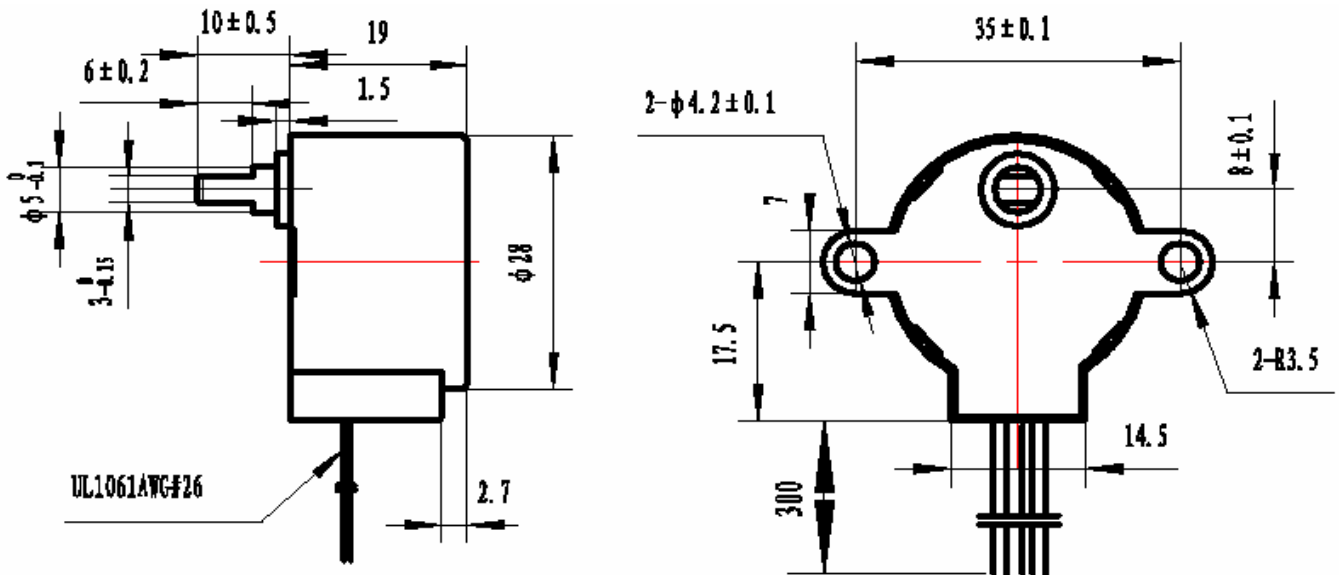




BYJ series Geared Step Motor

28BYJ48-12-300-01

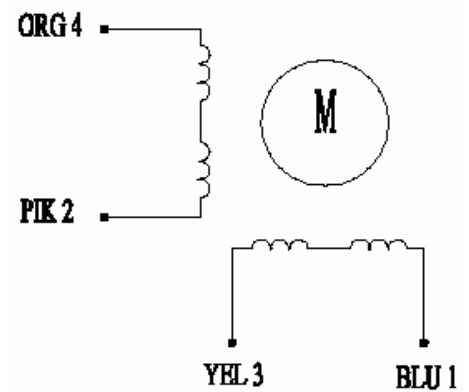
DIMENSIONS (mm)



SWITCHING SEQUENCE

Lead Wire Color	---> CW Direction (1-2 Phase)							
	1	2	3	4	5	6	7	8
4 ORG	-	-						-
3 YEL		-	-	-				
2 PIK				-	-	-		
1 BLU						-	-	-

WIRING DIAGRAM



GENERAL SPECIFICATIONS

Resistance Accuracy	$\pm 7\%$ at 25°C
Temperature Rise	60k Max. (Rated Voltage, 100pcs)
Ambient Temperature	-20°C to 50°C
Insulation Resistance at 500Vdc	100M Ω Min.
Insulation Class	A
Dielectric Strength	600Vac for 1 second, Leakage Current 1mA

MODEL SPECIFICATIONS

Rated Voltage (Vdc)	No. of Phase	Resistance per Phase (Ω)	Gear Reduction Ratio	Step Angle (deg)	Pull-in Torque at 500pps (g-cm)	Pull-in Rate (pps)	Detent Torque (g-cm)	Noise (dB)
12	2	300	1 : 64	5.625° / 64	≥ 300	≥ 500	≥ 350	≤ 35