

Nema 14 Hybrid Stepper Motor

Rev: A

Date: 140306

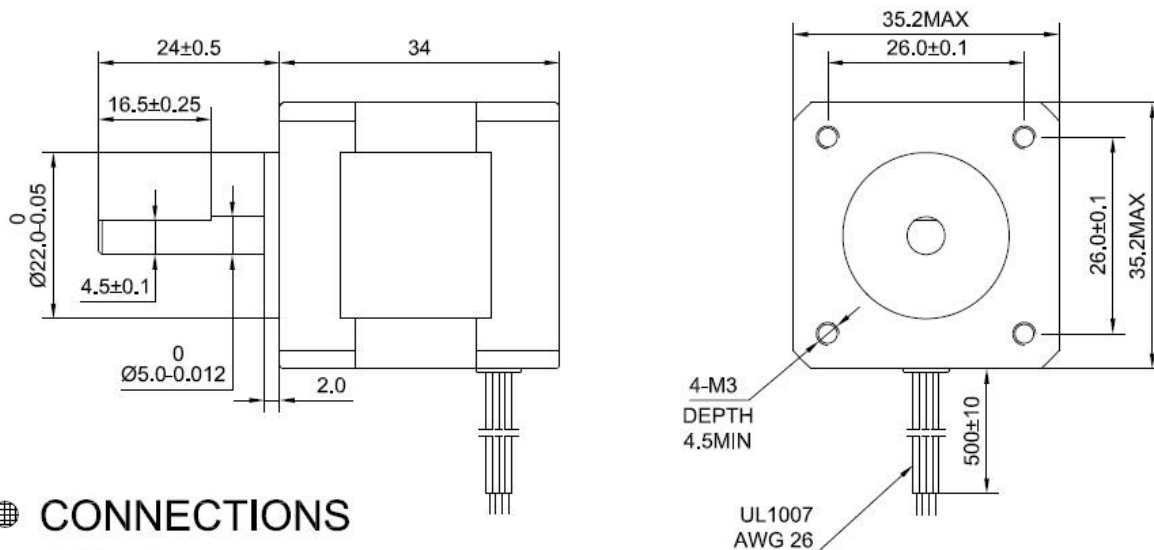
COMMON RATINGS

Step angle :	1.8°	Dielectric strength :	500VAC
Positional accuracy :	±5%	Insulation resistance :	100Mohm(500VDC)
Number of Phase :	2	Ambient Temperature :	-10℃~50℃
Temperature rise :	80℃MAX	Insulation class :	B
Rotor Inertia :	14gcm ²	Weight :	0.17Kg

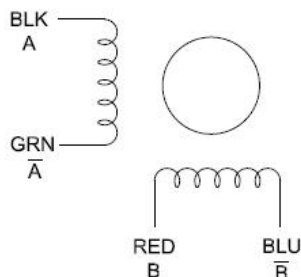
SPECIFICATIONS

Holding Torque (2 phases on) oz-in/N.m	Rated Current/Phase (Amps DC)	Phase Resistance (ohms) ±10%	Rated Voltage/Phase (V DC)	Phase Inductance (mH)±20%(1KHz) Typical
25.5/0.18	0.8	6.8	5.4	10.0

DIMENSIONS unit=mm



CONNECTIONS

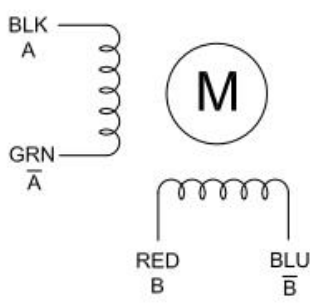


Note:

1. Lead Wires Should Be Stripped & Tinned.
2. All The Parts Are CE & RoHS Certified.

						14HS13-0804S			技术规格书	
标记	处数	分区	更改文件号	签名	日期				OSM TECHNOLOGY	
设计			标准化			阶段	标记	重量		
审核										
工艺			批准			共	张	第	张	

4 Wires Bi-Polar Full Step



CW DIRECTION	STEP	A	A̅	B	B̅
	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

● direction of rotation as viewed from mounting end of motor

N

14HS13-0804S PULL OUT TORQUE
0.8A/PHASE 24V CONSTANT CURRENT HALF STEP

