

Nema 17 Hybrid Stepper Motor

Rev: A

Date:140306

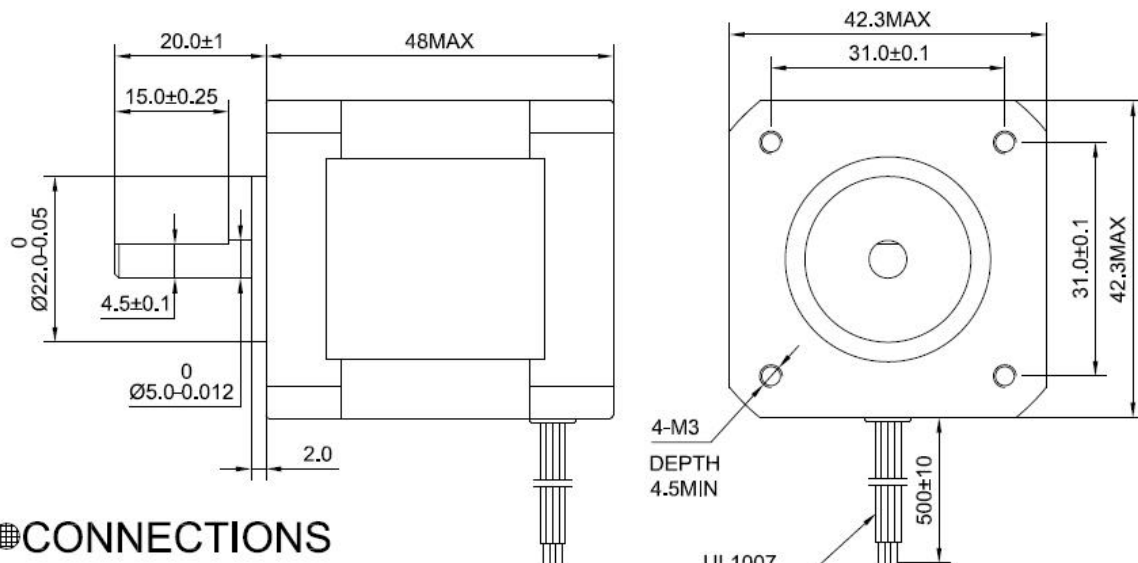
COMMON RATINGS

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 :	82 gcm ²	Weight :	0.4 Kg

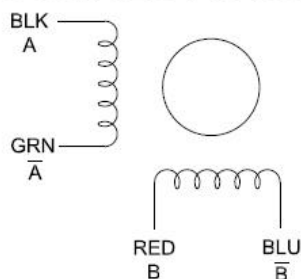
SPECIFICATIONS

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
83.6/0.59	2.0	1.4	2.8	3.0

DIMENSIONS unit=mm



CONNECTIONS

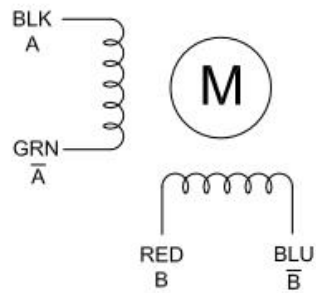


Note:

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

						17HS19-2004S			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	\bar{A}	B	\bar{B}
	1	+		+	
	2		+	+	
	3		+		+
	4	+			+
	1	+		+	

● direction of rotation as viewed from mounting end of motor

17HS19-2004S PULL OUT TORQUE
2.0A/PHASE 24V CONSTANT CURRENT HALF STEP

