

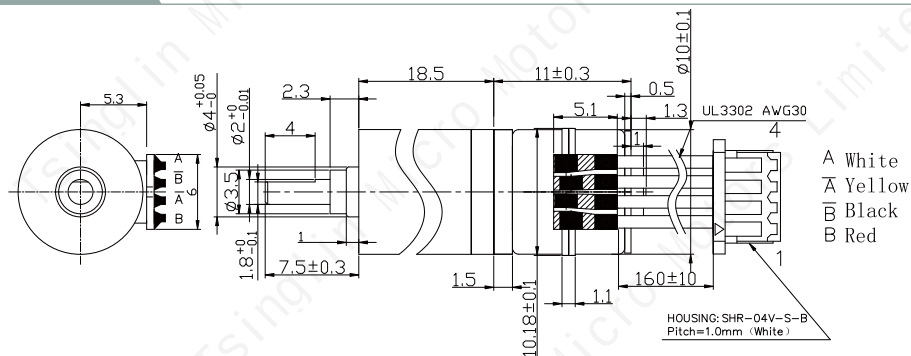
**SM 10 SERIES**

Ø 10mm

- **TSL-PG10K64-SM10**



外观尺寸 / Appearance Size



unit:mm

技术数据 / Technical Data

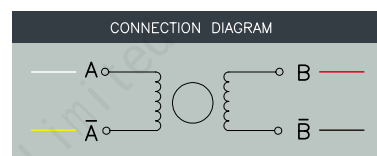
电气特性 Electrical Characteristics		值 Value		单位 Unit
工作电压	Rated Voltage	5.0		VDC
每相电阻，±10%	Coil Resistance	12.2		Ohms
每相额定电流 *	Phase Current	0.25		A
励磁方式	Drive Method	2-2		PHASE
电机特性(减速) Motor Characteristics with gearbox				
变速箱减速比	Gear Ratio	64:1		
驱动方式	Drive Circuit	双极性 / BIPOLAR		
输出转矩	Output Torque	More than 230(22.5)	At 500Hz(PPS)	gf·cm(mN·m)
输出转速	Output Speed	23.4	At 500Hz(PPS)	RPM
步 进 角	Step Angle	18°/64		Degrees
每转步数	Number of Steps per Rotation	20*64		
最大响应频率	Max Response Frequency	At least 1000		Hz(PPS)
减速箱类型	Type of Gearbox	Planetary		
传输效率	Transmission Efficiency	70%~80%		
定制输出轴	Customized Output Shaft	Available		
齿轮材料	Material of Gears	金属 Metal		
减速箱外壳材料	Material of Gearbox Housing	金属 Metal		
运行温度	Operating Temperature	-20°C to +85°C (-4°F to +122°F)		°C (°F)
介电强度	Insulation Strength	100V - 1 S		VAC
绝缘等级	Insulation Class	E, 120°C		
重量	Motor Weight	/		grams
引线	Wiring	AWG#30, UL3302		

其他视觉 / Other Views

Axis type,axis length and gearbox solutions are available. (更多信息请联系制造商。)
For special windings or customization, Please contact 'TSL MOTOR' for further information.



•电路原理图 Circuit Diagram



SEQUENCE OF EXCITATION

CONNECTOR PIN LOCATION					
PIN NO.	COLOR	CCW $\longleftrightarrow$ CW (SEEN FROM FLANGE SIDE)			PHASE
1		ON	ON		B
2				ON ON	B
3			ON	ON	A
4		ON			A