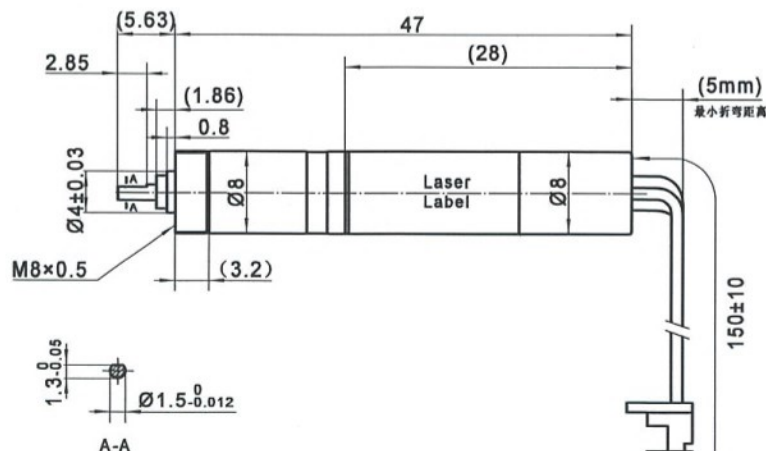
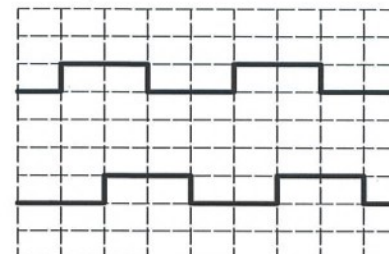


Connector: Lumburg Mica 06

输出信号/Output Signal

Channel A

铭牌/Label Detail



Motor Type	DCU08017P06-S004
Encoder Type	RS08-12
Gearbox Type	PG08C-1024
Work Order	XXXXXXXX YYYY
Serial No.	_____

备注：二维码内包含产品名称、工单号、序列号。

Unit: mm

第一角画法
FIRST ANGLE METHOD



未注线性与角度尺寸公差
Tolerances for linear and angular dimensions
without individual tolerance indications

GB/T 1804-m eqv ISO 2768-1 : m

未注形状与位置尺寸公差
Geometrical tolerance for features without
individual tolerance indications

GB/T 1184-K eqv ISO 2768-2 : K

批准 Approve

标准化 Standardize

工艺 Process Review

审核 Check

设计 Design

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空心杯电机 Coreless Motor		
额定电压/Nominal voltage	6	V
空载转速/No-load speed ($\pm 10\%$)	13	rpm
空载电流/No-load current (max)	58.8	mA
额定转速/Nominal speed	8	rpm
最大连续转矩/Max. continuous torque (gearhead output limit)	100	mNm
最大连续电流/Max. continuous current (gearhead output limit)	0.098	A
堵转转矩/Stall torque	0.365	Nm
堵转电流/Stall current	0.21	A
环境温度范围/Ambient temperature	-20~+65	℃
绝缘等级/Insulation class	B	
重量/Weight	12.3	g
端电阻/Terminal resistance (motor) ($\pm 8\%$)	28.0	Ω
转矩常数/Torque constant (motor) ($\pm 8\%$)	3.96	mNm/A
转速常数/Speed constant (motor) ($\pm 8\%$)	2410	rpm/V
转速/转矩斜率/Speed/torque gradient (motor)	17030	rpm/mNm
电机空载转速/No-load speed (motor)	13500	rpm
电刷类型/Brushes type (motor)	Precious metal brushes	
轴向间隙/Axial play (gearhead)	≤ 0.15	mm
级数/Number of stages (gearhead)	5	
减速比/Reduction ratio (gearhead)	1024:1	
效率/Efficiency (gearhead)	42%	
类型/Type (encoder)	Incremental, Magnetic	
脉冲/转/Counts per turns (encoder)	12	
通道数/Number of channels (encoder)	2	

A0	原始版本 Original revision	2024.05.17
REV.	版本记录 REVISION RECORD	DATE

Unit: mm

第一角画法
FIRST ANGLE METHOD

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