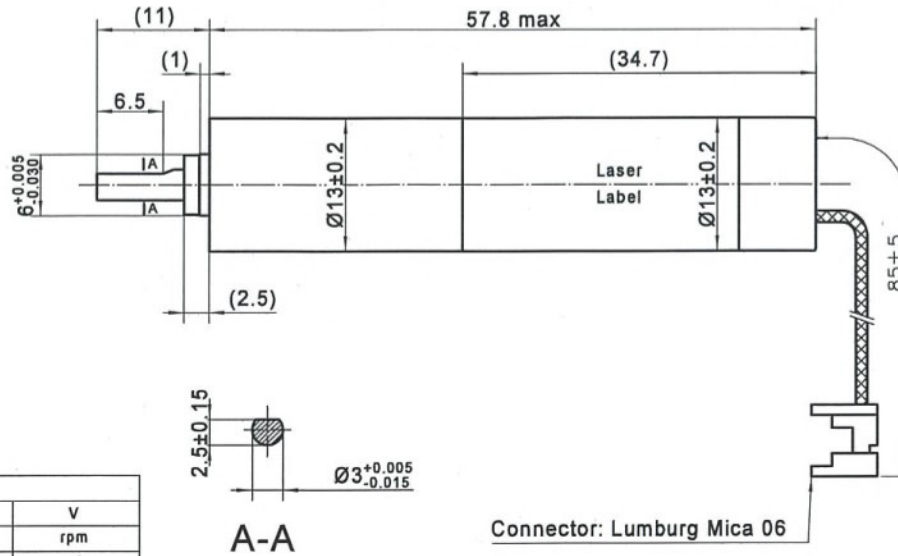
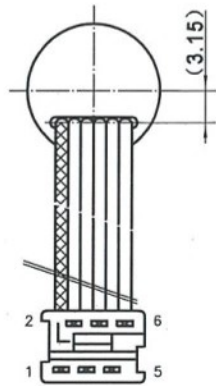


空杯电机 Coreless Motor

规格/Specification

额定电压/Nominal voltage	12	V
空载转速/No-load speed (±10%)	172	rpm
空载电流/No-load current (max)	56	mA
额定转速/Nominal speed	102	rpm
最大连续转矩/Max. continuous torque (gearhead output limit)	175	mNm
最大连续电流/Max. continuous current (gearhead output limit)	0.450	A
堵转转矩/Stall torque	0.62	Nm
堵转电流/Stall current	1.15	A
环境温度范围/Ambient temperature	-20~+65	℃
绝缘等级/Insulation class	B	
重量/Weight	39.4	g
端电阻/Terminal resistance (motor) (±8%)	10.4	Ω
转矩常数/Torque constant (motor) (±8%)	9.84	mNm/A
转速常数/Speed constant (motor) (±8%)	970	rpm/V
转速/转矩斜率/Speed/torque gradient (motor)	1025	rpm/mNm
电机空载转速/No-load speed (motor)	11800	rpm
电刷类型/Brushes type (motor)	Precious metal brushes	
轴向间隙/Axial play (gearhead)	≤0.25	mm
级数/Number of stages (gearhead)	3	
减速比/Reduction ratio (gearhead)	66.87:1	
效率/Efficiency (gearhead)	73%	
类型/Type (encoder)	Incremental, Magnetic	
脉冲/转/Counts per turns (encoder)	16	
通道数/Number of channels (encoder)	2	

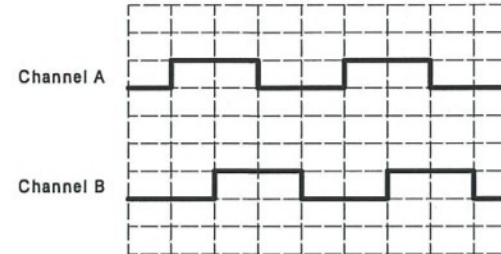
A-A

Connector: Lumburg Mica 06

线束相对于安装孔的位置±30°



输出信号/Output Signal



铭牌/Label Detail

Motor Type	DCU13028P12-S008
Encoder Type	RS13-16
Gearbox Type	PG13C-0066
Work Order	XXXXXXXX YYYY
Serial No.	

备注：二维码内包含产品名称、工单号、序列号。

A2	EC:23-1406 修改2处	2023.08.23
A1	EC:22-419 修改1处	2022.05.26
A0	原始版本 Original revision	2021.08.19

REV.	版本记录 REVISION RECORD	DATE
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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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UNLESS OTHERWISE SPECIFIED	NAMES	SIGNATURE	DATE	Drawing No: 4611185000307	Rev.A2	SCALE 2:1	Sheet 1 of 1
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