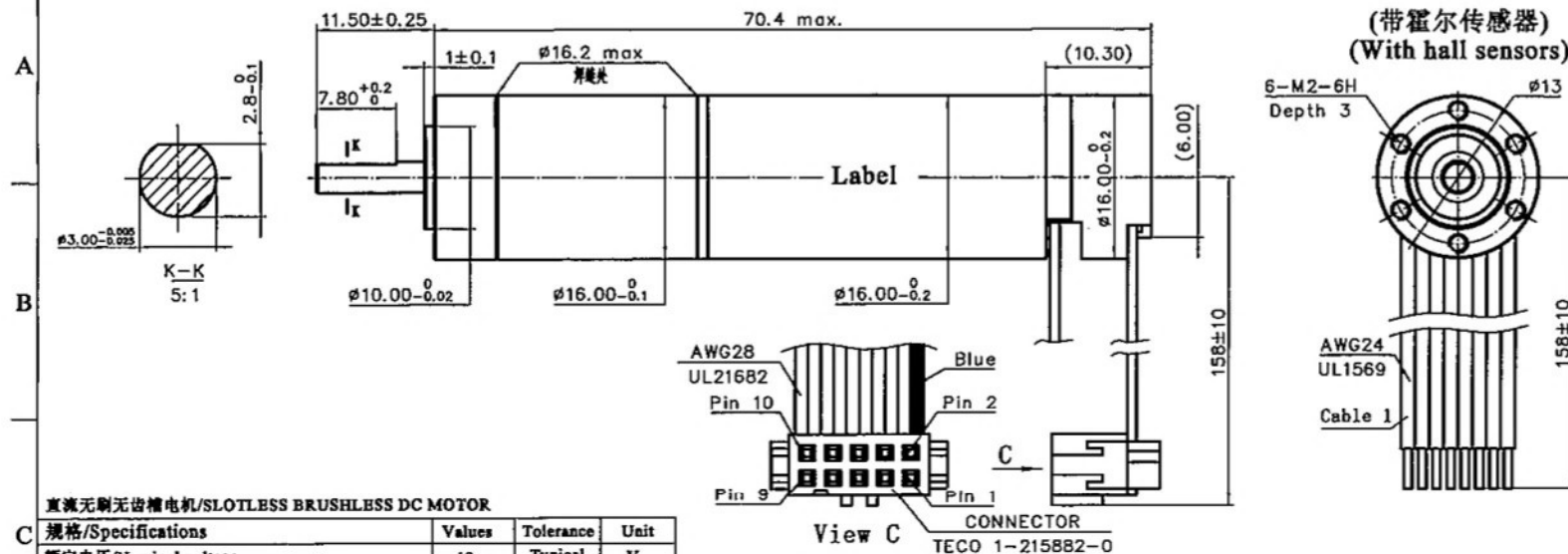




Connection of Motor

Cable No.	信号/Signal	颜色/Color
1	U	棕/brown
2	V	红/red
3	W	橙/orange
4	V _{Hall} 3...24 VDC	黄/yellow
5	GND	绿/green
6	Hall 1	蓝/blue
7	Hall 2	紫/violet
8	Hall 3	灰/grey

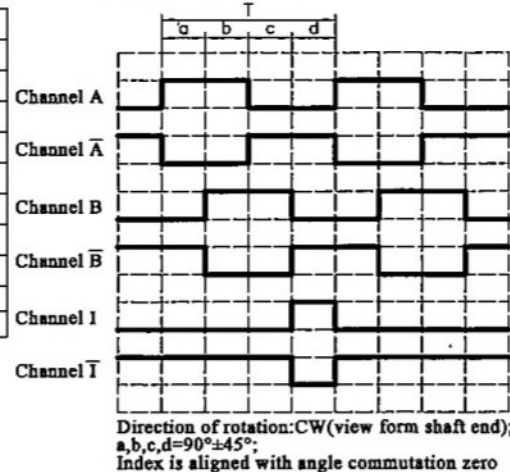
直流无刷电机/SLOTLESS BRUSHLESS DC MOTOR

规格/Specifications	Values	Tolerance	Unit
额定电压/Nominal voltage	12	Typical	V
级数/Number of stages (gearhead)	3		
减速比/Reduction ratio (gearhead)	138.28		
空载转速/No load speed	108.5	±10%	rpm
空载电流/No load current	200	±50%	mA
额定转速/Rated speed	92	±10%	rpm
额定转矩/Rated torque	520	Typical	mNm
额定电流/Rated current	0.613	±10%	A
堵转转矩/Stall torque	6.2	Typical	Nm
堵转电流/Stall current	7.27	Typical	A
最大效率/Maximum efficiency	64.8	Typical	%
电机极数/Number of poles	2		
相数/Number of phases	3		
相间电阻/Terminal resistance phase to phase	1.65	±8%	Ω
相间电感/Terminal inductance phase to phase	102	Typical	μH
转矩常数/Torque constant	7.70	Typical	mNm/A
转速常数/Speed constant	1240	±10%	rpm/V
质量/Weight	76	±5%	g
环境温度范围/Ambient Temperature	-40~+85		℃
绝缘等级/Insulation class	F		
类型/Type (Encoder)	Incremental, Magnetic		
每转脉冲数/Counts per turns(Encoder)	1024	Typical	

Connection of Encoder

Pin No.	信号/Signal
1	N.C
2	VCC 4.5V-5.5V
3	GND
4	N.C.
5	Channel A
6	Channel A
7	Channel B
8	Channel B
9	Channel I
10	Channel I

输出信号/Output Signal



铭牌/Label Detail



备注:1.铭牌使用激光雕刻在电机表面,目视水平居中,框线不打印;
2.二维码内包括整机型号、生产工单号和序列号;

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

MOONS'

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NAMES

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DATE

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Rev. A0

SCALE:1:1

Sheet 1 of 1