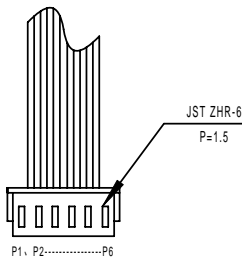
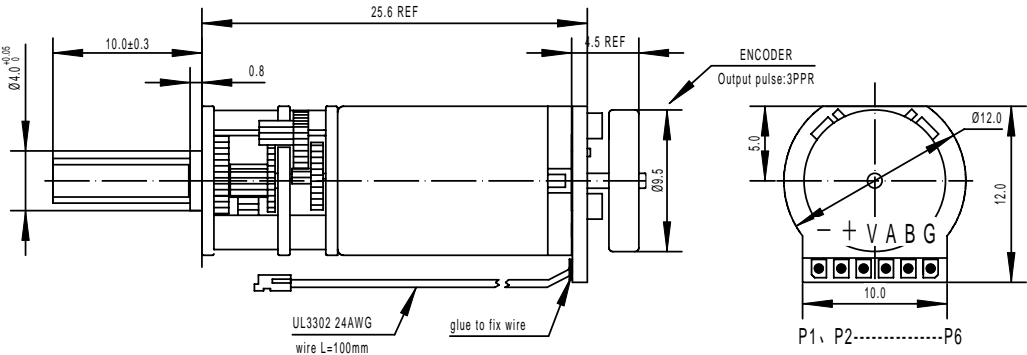
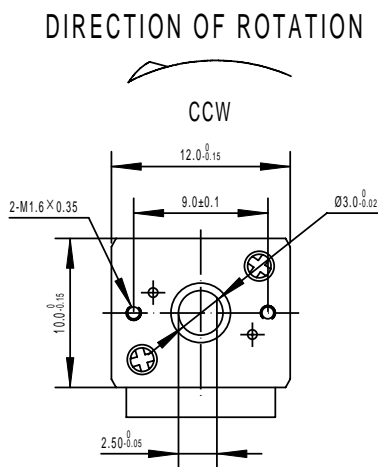


GM12-N20VA-08255-150-EN MOTOR



- P1 MOTOR - black
P2 MOTOR + red
P3 V_{CC} brown
P4 HALL SENSOR A blue 3PPR
P5 HALL SENSOR B purple 3PPR
P6 GND SENSOR green


MOTOR Specification(For Reference):

Operating voltage:6.0V DC

- No Load Speed:96±10%rpm
- No Load Current:70mA (90mA max)
- Gear box ratio:1/150

ELECTRICAL CHARACTERISTICS

CHARACTERISTICS	SYMBOL	TEST CONDITIONS	MIN.	REF.	MAX.	UNITS
Input Voltage	V _{cc}	— — —	3.5	—	24	V
Output Saturation Voltage	V _{ce(sat)}	V _{cc} =14V ;I _c =20mA	—	300	700	mV
Output Leakage Current	I _{cex}	V _{ce} =14V;V _{cc} =14V	—	<0.1	10	μV
Input Current	I _{ce}	V _{cc} =20V; Output open	—	5	10	mA
Output Rise Time	t _r	V _{cc} =14V;R _L =820Ω;C _L =20pF	—	0.3	1.5	μS
Output Fall Time	t _f	V _{cc} =14V;R _L =820Ω;C _L =20pF	—	0.3	1.5	μS

TITLE: GM12-N20VA-08225-150-EN	Customer No:	Drafted By: kevin Wang		
		Checked By:		
Dwg. NO:	Date: 2023.08.01	Approved By:		
TT MOTOR (HK) INDUSTRIAL CO.,LTD	Scale: 2:1	Units: mm	EDITION No: A	
		Angular: =1° Decimal: X.XX ±0.05		
		X.X ±0.2		
		X ±0.3		