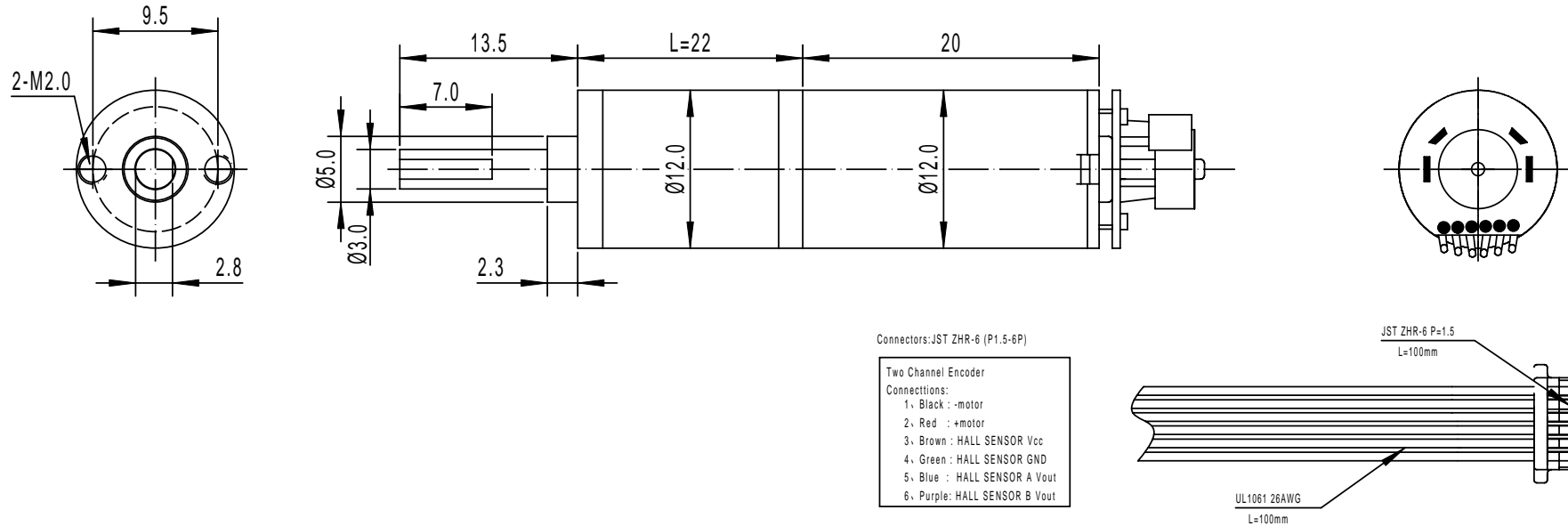


GMP12-1220CA-09170-64-EN MOTOR



MOTOR Specification(For Reference):

Operating voltage: 3.0V DC

1、No Load Speed:140±12%rpm

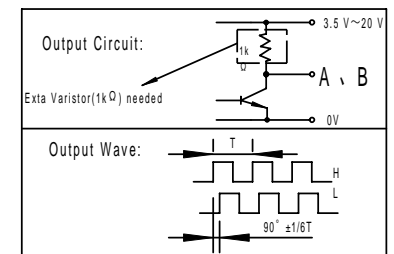
2、No Load Current:0.12A(0.15A max)

3、Stall Torque:0.39kg.cm

4、Stall Current:360mA

ELECTRICAL CHARACTERISTICS

| CHARACTERISTICS | SYMBOL | TEST CONDITIONS | MIN. | REF. | MAX. | UNITS |
|---------------------------|----------------|---|------|------|------|-------|
| Input Voltage | Vcc | — — — | 3.5 | — | 20 | V |
| Output Saturation Voltage | Vce(sat) | Vcc=14V; Ic=20mA | — | 300 | 700 | mV |
| Output Leakage Current | Icex | Vce=14V; Vcc=14V | — | <0.1 | 10 | μV |
| Input Current | Ice | Vcc=20V; Output open | — | 5 | 10 | mA |
| Output Rise Time | t _r | Vcc=14V; R _L =820Ω; C _L =20pF | — | 0.3 | 1.5 | μs |
| Output Fall Time | t _f | Vcc=14V; R _L =820Ω; C _L =20pF | — | 0.3 | 1.5 | μs |



TITLE: GMP12-1220CA-09170-64-EN

Customer No: B0183

Drafted By: He Yi Qiang

Checked By:

Dwg. NO:

Date: 2015.08.18

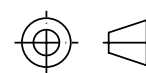
Approved By:

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