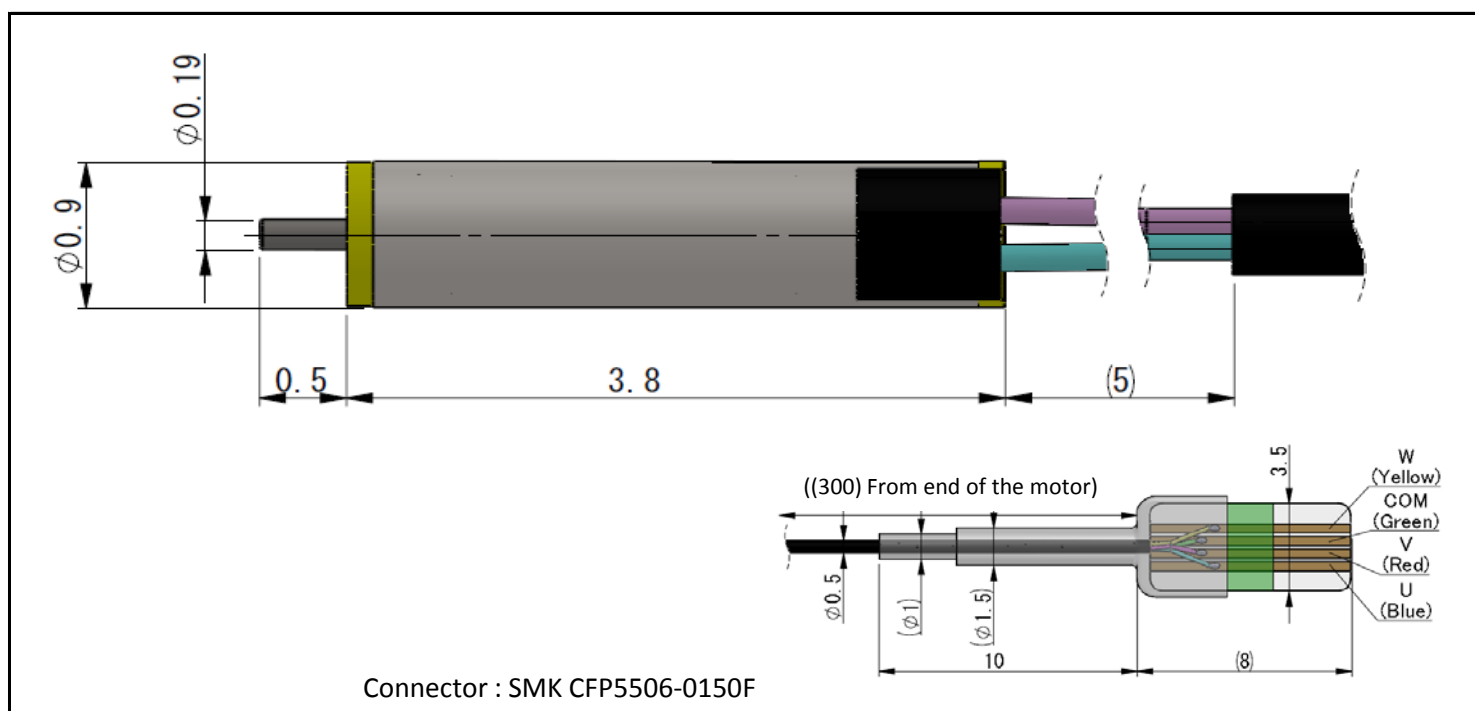


### SBL009-04XX

Electronically commutated sensorless motor, slotless stator design



Specification	SBL009-04XX	Notes
1 Rated voltage	1.0 V	
2 Terminal resistance	15 $\Omega$	$\pm 10\%$ at (25°C $\pm$ 5°C) Including lead wire resistance (300mm)
3 Stall current	67 mA	$\pm 10\%$ Calculated value ( =(Rated voltage)/ (Terminal resistance) )
4 Back-EMF constant	1.3 $\mu$ V/rpm	Min.
5 Torque constant	12 $\mu$ Nm/A	Min.
6 Stall torque	0.80 $\mu$ Nm	Min. Calculated value ( =(Torque constant)* (Stall current) )
7 Operating Speed	100~12000 rpm	Drive Circuit ; SOD12ST
8 Total length	3.8 mm	
9 Direction of rotation	CW/CCW	
10 Insulation resistance	OL	Between Housing and Terminal