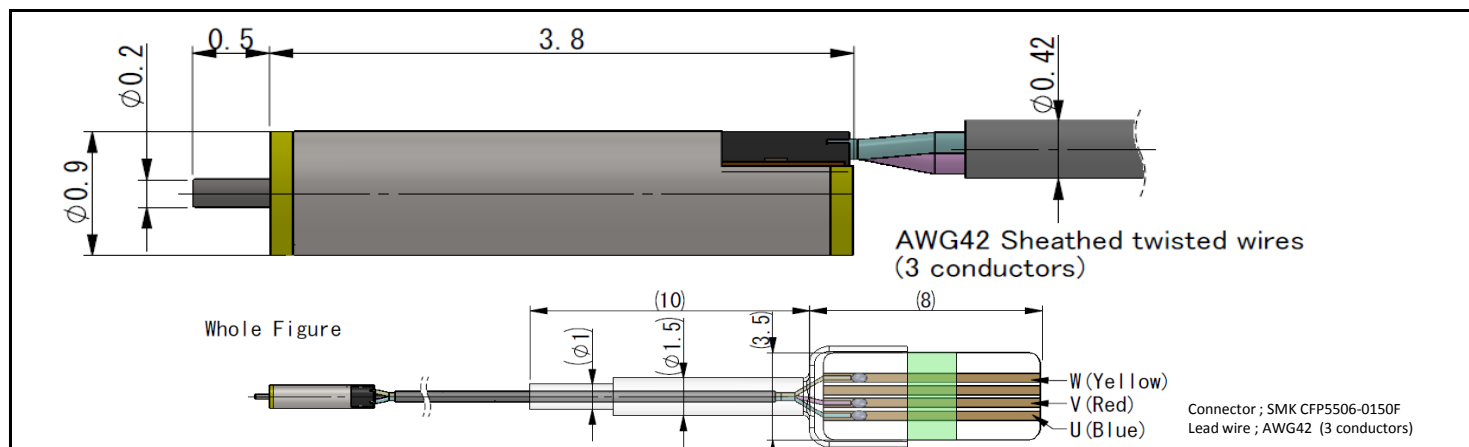


### DBL009-04XX

Electronically commutated sensorless motor, slotless stator design



Specification	DBL009-04XX	Notes
1 Nominal Voltage	1.0 V	
2 Terminal resistance	13 $\Omega$	$\pm 10\%$ at (25°C $\pm 5^\circ\text{C}$ ) Not including lead wire resistance
3 Stall current	77 mA	$\pm 10\%$ Calculated value ( Nominal Voltage/Terminal resistance )
4 Back-EMF constant	1.3 mV/rpm	Min.
5 Torque constant	12 $\mu\text{Nm/A}$	Min.
6 Stall torque	0.93 $\mu\text{Nm}$	Min. Calculated value (Stall current * Torque constant )
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