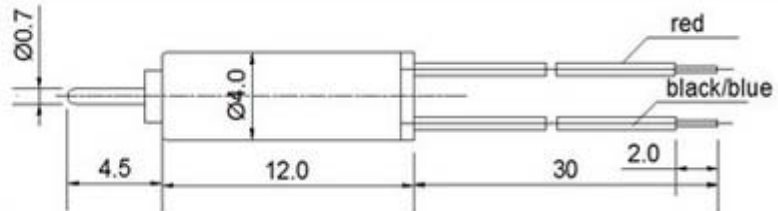
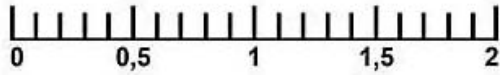


# QX-4A 3.0V



Widely used in model aircraft, electric toys, digital camera, and medical devices

412 Series		Model/型號	001	002	003	004	005	006	007
<b>Motor data (25°C)</b>									
1 Assigned power	W		0.04	0.17	0.20	0.13	0.25	0.06	
2 Nominal voltage	Volt		1.3	2.5	3	3	3	3	
3 Terminal resistance	±15% Ohm		8.7	7.4	8.7	14.2	7.5	29	
4 No-Load speed	±12% rpm		22,800	56,300	60,000	47,000	60,000	44,000	
5 No-Load current	≤150% mA		22	60	50	38	42	18	
6 Speed constant	rpm/V		17,538	22,520	20,000	15,667	20,000	14,667	
7 Torque constant	mNm/A		0.46	0.35	0.41	0.50	0.43	0.54	
8 Starting current	mA		149	338	345	211	400	103	
9 Stall torque	mNm		0.07	0.12	0.14	0.11	0.17	0.06	
12 Max. efficiency	%		38	33	38	33	46	34	
<b>At max. efficiency</b>									
1 Current	mA		60	136	125	88	150	35	
2 Torque	mNm		0.03	0.05	0.05	0.04	0.06	0.02	
3 Speed	rpm		13,645	33,636	38,250	27,423	37,500	29,113	
4 Power	W		0.04	0.167	0.204	0.126	0.252	0.057	
<b>At max. output</b>									
1 Current	mA		85	180	200	100	210	52	
2 Torque	mNm		0.04	0.06	0.08	0.05	0.09	0.03	
3 Speed	rpm		9,830	26,303	25,200	24,753	28,500	21,883	
4 Power	W		0.041	0.173	0.215	0.130	0.268	0.064	