

■ 機械的性能(Mechanical characteristics)

項目 Items	EC09
全回轉角度: Total rotational angle	360° (Endless)
CC脫出力: Detent torque	100~300gf.cm
回轉力矩: Rotational torque	30~300gf.cm 0~+70℃ 500gf.cm Max 0~20℃
軸押引強度: Push-pull strength	10Kgf MIN
螺母鎖緊強度: Nut tightening strength	10Kgf.cm MIN
軸搖晃度: Shaft Wobble	0.5×L/30mm p-p max

■ 電氣的性能(Electrical characteristics)

■ 開關的性能(Switch characteristics)(Momentary push type)

額定電壓: Voltage rating	DC 5V	開關接觸電阻: Switch contact resistance	初期100 mΩ MAX. 壽命後200mΩ First period: 100 mΩ MAX. 200mΩ after the end of useful life is reached
額定電流: Current rating	1mA		
最大使用電流: Maximum Operating Current	2.5mA	開關定格電力: Switch Ratings power	12V DC 0.5A
接觸抵抗 Contact resistance	10Ω Max.	開關壽命(負荷): Switch life	20,000 times min
振動: Chattering	10ms Max	開關工作力矩: Switch working torque	200~1200gf.cm
分解能力: Resolution	10 Pulses	開關回路: Switch circuit	S.P.S.T
絕緣抵抗: Insulation resistance	100MΩ min. at 250V DC		
耐電壓: Voltage proof	1 minute at 300V AC		
定位點數: Click point	20 Detents		
相位差: Phase difference	$T_d = T/4 \pm T/6$		
負荷比: Duty Ratio	50% ± 15% (18° ± 5.4°)		
切換角度: Change-Over angle	18° ± 3°		

■ 耐久的性能(Durability characteristics)

耐焊接熱: Soldering heat resistance	350℃ ± 5℃ at 3 sec
使用溫度範圍: Operating temperature range	-20 to +70℃
回轉壽命: Rotational Life	30,000 cycles