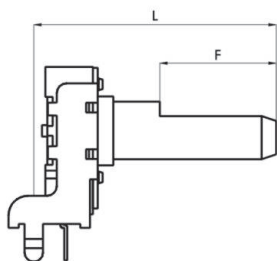
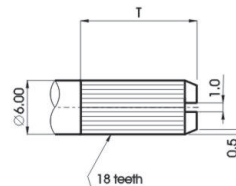
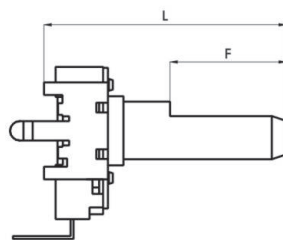


### Without bushing 無軸套

Horizontal



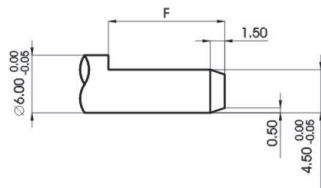
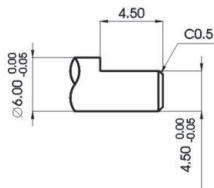
Vertical



KQ TYPE:

X	2	3	4	5	6
L	15	20	25	30	35
T	6	7	12	12	12

\*only 15F

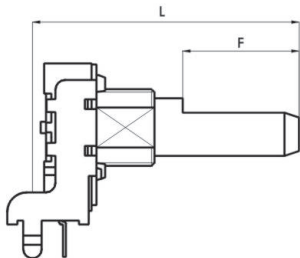


F TYPE:

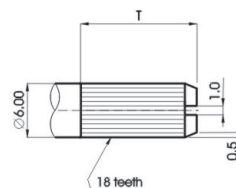
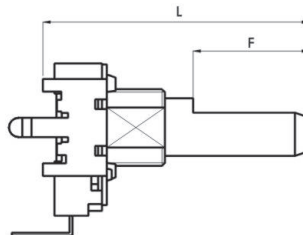
X	A	B	J	C	K	D	L	E	M
L	15	20	22.5	25	27.5	30	32.5	35	37.5
F	4.5	7	7	12	12	12	12	12	12

### With bushing 有軸套

Horizontal

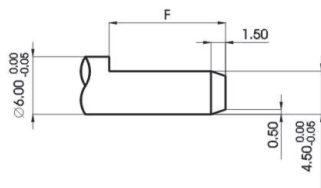


Vertical



KQ TYPE:

X	2	3	4	5	6
L	15	20	25	30	35
T	6	7	12	12	12



F TYPE:

X	B	J	C	K	D	L	E	M
L	20	22.5	25	27.5	30	32.5	35	37.5
F	7	7	12	12	12	12	12	12

**Mechanical characteristics: 機械的性能**

Total rotational angle 全迴轉角度	300° ± 5°	
Rotational torque 迴轉扭力	2~20mN.m (20~200gf.cm)	
Rotation stopper strength 止迴轉強度	Without bushing 無軸套	0.5 N.m (5kgf.cm)
	With bushing 有軸套	0.6 N.m (6kgf.cm)
Push pull strength 軸推拉強度	80N (8kgf)	
Shaft lever wobble 軸搖晃	0.7*L/30mmp-p MAX.	

**Electrical characteristics: 電氣的性能**

Total resistance 總阻值	5KΩ~2MΩ	
Total resistance tolerance 總阻值容許差	±20% (more than 1MΩ±30%)	
Rated power 定格電力	0.05W	
Max. operating voltage 最高使用電壓	50V AC /20V DC	
Resistance taper 阻值線性	A,B,C	
Residual resistance 殘留阻值	$R \geq 250K\Omega$ 0.1% max. of total resistance $250K\Omega > R > 10K\Omega$ 20Ω max. $10K\Omega \geq R$ 10Ω max.	
Slide noise 滑動噪音	less than 100mV	
Insulation resistance 絕緣抵抗	more than 100MΩ at DC 500V	
Gang error 相互偏差	-40dB ~ 0dB dB ≤ 3dB	

**Durability: 耐久的性能**

Rotational life 迴轉壽命	10,000 cycles
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