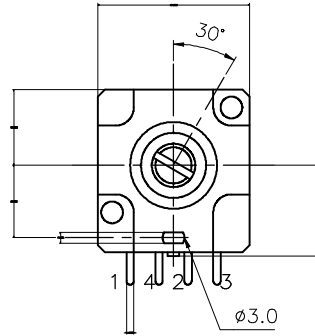
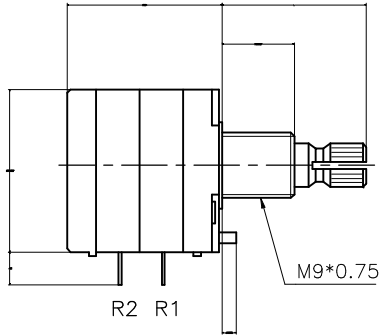


REV. A

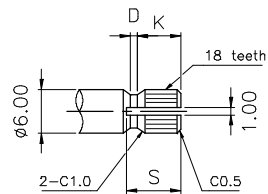
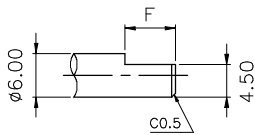
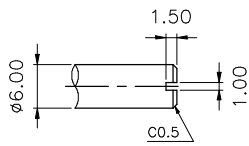
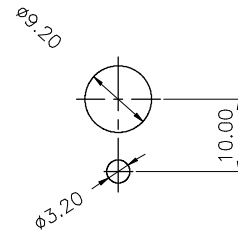
MODEL: R2122G- □ A1 -
X



G		<p>Circuit explanation:</p>
K		<p>Circuit explanation:</p>

shaft shown in full C.C.W. position

Bushing locating lug



S TYPE:

X	R	S	T
L	20	25	30

F TYPE:

X	B	C	D
L	20	25	30
F	7	12	12

KQ TYPE:

X	2	3	4	5
L	15	20	25	30
K	4	7	10	12
D	1	1	2	4
S	5	7.5	11	14

MODEL: R21□2 G-

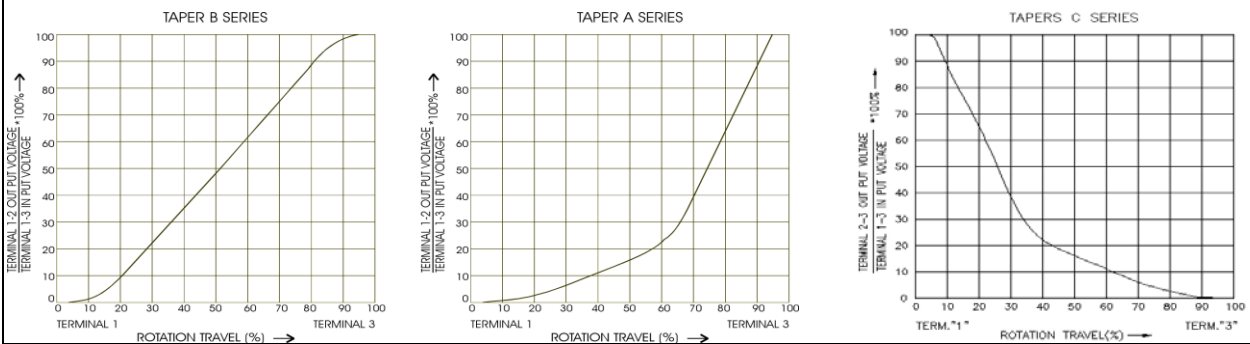
Mechanical characteristics

Item	Performance
Total rotational angle/travel	300°±5°
Rotation torque	20~200 gf-cm
Shaft rotational stopper strength	7 kgf-cm
Push-pull strength	8 kgf

Electrical characteristics

Item	Performance
Resistance taper	A/B/C

Reference: Standard resistance tapers in reference to rotational angles(travel) are as shown below:



Total resistance	10KΩ~1MΩ
Total resistance tolerance	±20% (more than 1MΩ ±30%)
Max. operating voltage	150V AC/20V DC
Rated power	0.05W
Residual resistance	$R \geq 250K\Omega$ 0.1% max. of total resistance $250K\Omega > R > 10K\Omega$ 20Ω max. $10K\Omega \geq R$ 10Ω max.
Rotational/sliding noise	Less than 100mV
Insulation resistance	More than 100MΩ at DC250V
Manual Soldering heat	Below 300°C, Less than 3 seconds.
Gang error	-40 to 0dB dB ≤ 3dB

Durability :

Item	Performance
Rotational/sliding life	10,000 cycles