



24mm Metal Shaft Rotary Potentiometer – With Switch

R24S1

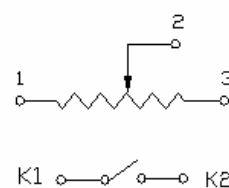
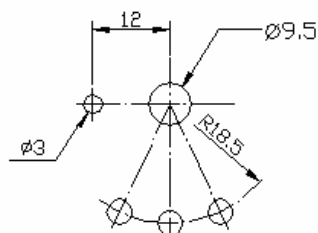
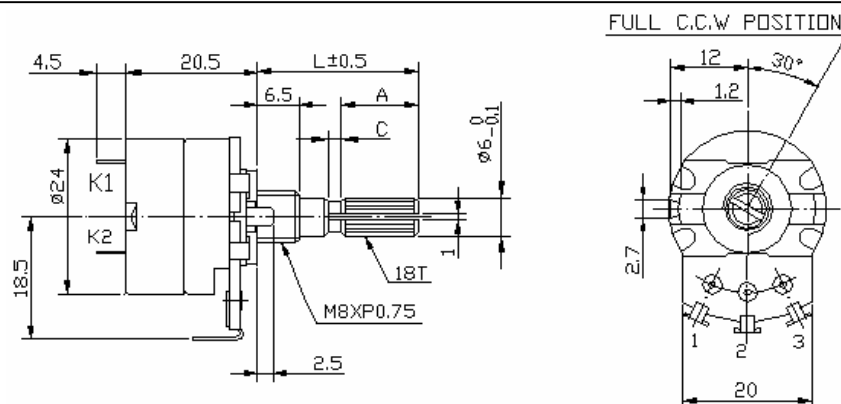


Part Number

R24S1- B 50K, L - 20 KC

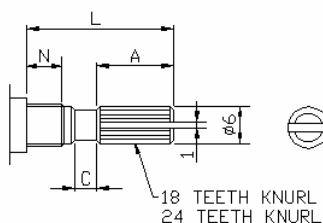
With Switch Taper Resistance Value Shaft Length Shaft Type

Dimensions

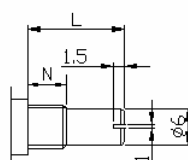


Shaft Type

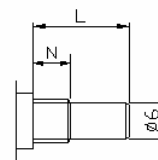
KC TYPE



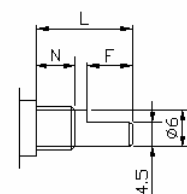
RE TYPE



R TYPE



F TYPE



N:5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
KC	A	3.2	6	10	12	12	12	12
	C	0.5	1	2	2	4	4	4
	F	4	7	12	12	12	12	12
R,RE	L	10	15	20	25	30	35	40

N:6.5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
KC	A	2.2	6	10	12	12	12	12
	C	0.5	1	2	2	4	4	4
	F	2.5	7	12	12	12	12	12
R,RE	L	10	15	20	25	30	35	40

24mm Plastic Shaft Rotary Potentiometer – With Switch

R24S3

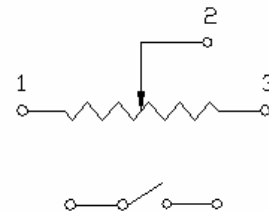
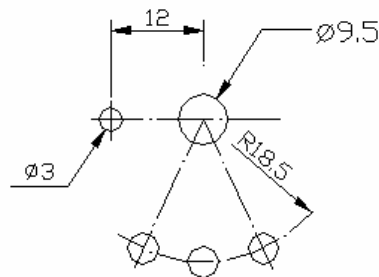
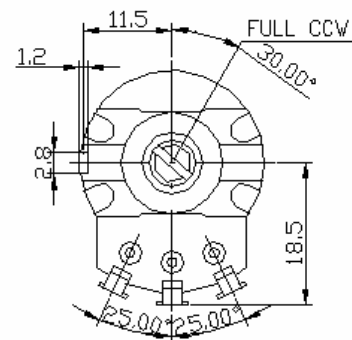
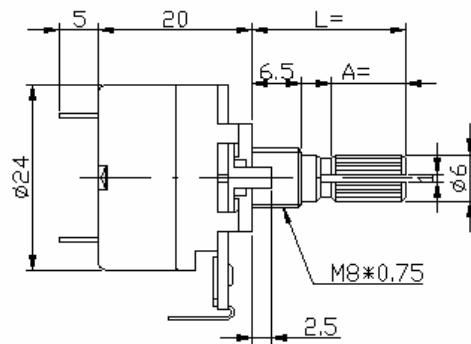


Part Number

R24S3- B 50K, L - 20 KC

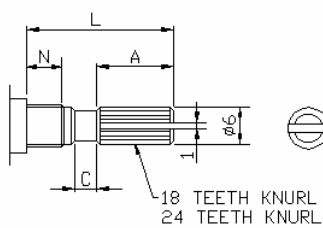
↓ Taper ↓ Resistance Value ↓ Shaft Type
 With Switch Shaft Length

Dimensions

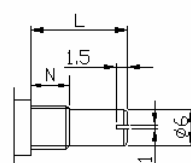


Shaft Type

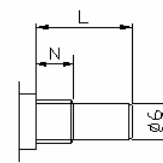
KC TYPE



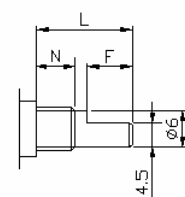
RE TYPE



R TYPE



F TYPE



N:5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
KC	A	3.2	6	10	12	12	12	12
	C	0.5	1	2	2	4	4	4
F	F	4	7	12	12	12	12	12
R,RE	L	10	15	20	25	30	35	40

N:6.5m/m

SHAFT-TYPE	L	10	15	20	25	30	35	40
KC	A	2.2	6	10	12	12	12	12
	C	0.5	1	2	2	4	4	4
F	F	2.5	7	12	12	12	12	12
R,RE	L	10	15	20	25	30	35	40

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Electrical Characteristics

All Resistance	1K ~ 1M Ω				
All Resistance Tolerance	$\pm 20\%$				
Resistance Taper	A. B. C. D. W. Taper				
Resistance Taper Characteristics	A50%	B50%	C50%	D50%	W50%
	15-25%	40-60%	75-85%	2-15%	45-55%
Rated Power	B taper: 500V 0.5W; Other Tapers: 250V 0.25 W				
Residual Resistance	$R \geq 250K\Omega$ 0.1% $250K\Omega > R > 10K\Omega$ 10 Ω Max. (between Term. 1, 2) $10K\Omega \geq R$ 10 Ω Max. (between Term. 2, 3)				
Noise	47 mV max.				
Switch Rated Power	AC/DC 125 V 1.0A				
Switch Contact Resistance	0.3 m Ω max.				
Insulation Resistance	More than 100 M Ω at DC 500V				
Withstand Voltage	1 minute at AC 500V				
Rotary Life	15,000 cycles.				

Mechanical Characteristics

Total Rotational Angle	300° $\pm$ 10°
Stopper Strength	5 kgf.cm max./3 sec.
Rotational Torque	30 ~ 200gf.cm
Switch Action	150 ~ 450g.cm
Switch Rotational Angle	50° $\pm$ 5°
Pull-Push Strength	10 kgf.cm max./3 sec.
Switch Circuit	S.P.S.T.

Solder Heat	300°C, 3sec (Only For Hand-Soldering)
Remark	Shaft: Cast Iron, Aluminum Zinc, Plastic Bushing Material: Cast Iron, plastic