



24mm Metal Shaft Rotary Potentiometer

G24N1 (Dual Units)

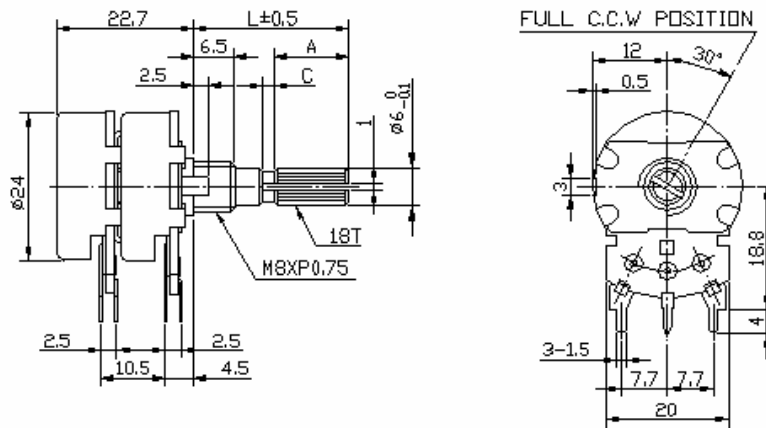


Part Number

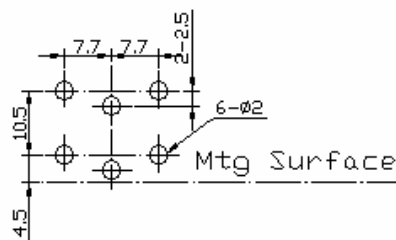
G24N1- B 50K, L - 20 KC

↓ Taper Resistance Value ↓ Shaft Type
 ↓ Shaft Length

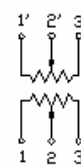
Dimensions



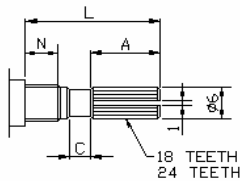
Shaft Type



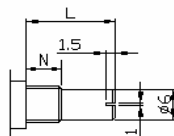
CIRCUIT



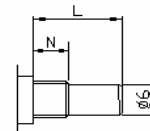
KC TYPE



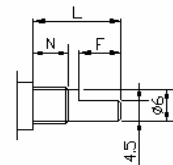
RE TYPE



R TYPE



F TYPE



Ni6.5m/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

**24mm Metal Shaft Rotary Potentiometer****Electrical Characteristics**

All Resistance	1K ~ 1M Ω				
All Resistance Tolerance	$\pm 20\%$ (more than 1M Ω $\pm 30\%$)				
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 Ω 0.1%				
	250K Ω > R > 10K Ω		10 Ω Max.		
	10K Ω \geq R		10 Ω Max.		
Noise	47 mV max.				
Gang Error	-40 ~ 0db at 3 db				
Insulation Resistance	More than 100 M Ω at DC 500V				
Withstand Voltage	1 minute at AC 250V				
Rotational 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
Pull-Push Strength	10 kgf.cm max./3 sec.
Solder Heat	300°C, 3s (Only For Hand-Soldering)
Remark	Shaft: Cast Iron, Aluminum Zinc, Plastic Bushing Material: Cast Iron, plastic