



# YUEQING OMTER ELECTRONIC & TECHNOLOGY CO., LTD

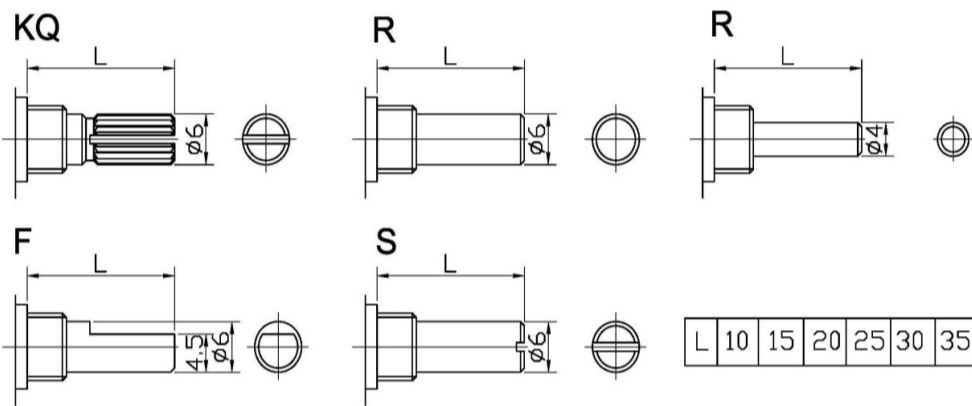
Office Address: 11F D Block, Building, No.2 West Ningtang Rd.,  
Yueqing City, Zhejiang Province, China

Tel: +0086 577 2781 1881 Fax: +0086 577 6259 1280

Website: <http://www.omter-tyxn.com> E-mail: [omter@omter.com](mailto:omter@omter.com)

## F-121 Carbon Potentiometer Series

MAIN SPECIFICATION	
Total resistance	500Ω- 500KΩ
Resistance tolerance	±20%
Resistance pattern	A,B,C,D
Max operation voltage	AC 50V,DC 20V
Power Rate	Linear B: 0.1W; Other: 0.05W
Noise	Less than 100mV
Withstanding voltage	1 minute at AC 300V
Insulation resistance	More than 100MΩ at DC 250V
Residual Resistance Value	Term.1~2: Less than 20Ω
	Term.2~3: Less than 20Ω
Tracking Error	-40dB~0dB±3dB
Switch contact resistance	Less than 50mΩ
Switch power rate	3.0A at DC 16V,1.0A at AC/DC 125V
MECHANICAL	
Total Rotation Angle	300±10(degree)
Rotation Torque	20~200 gf.cm
Shaft Stop Strength	3.0Kgf.cm Min
push-pull strength	5.0 kgf Min
Switch rotation angle	35±5(degree)
Switch torque	150~350gf.cm



MODEL	PHOTO	DETAILS
F-121KG		
	Rotation life	
	10000 Cycles	
F-121KGP1		
	Rotation life	
	10000 Cycles	
F-121KP		
	Rotation life	
	10000 Cycles	