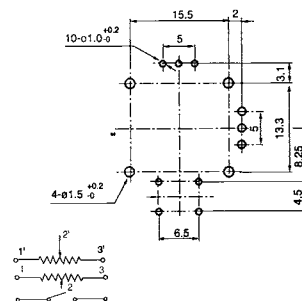
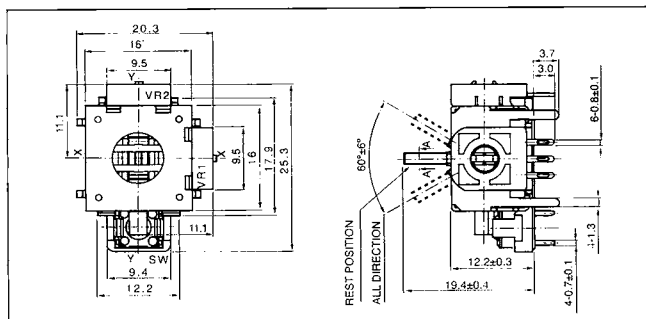
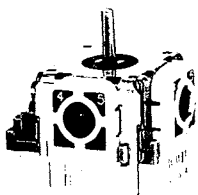


F-JN10K Series

3D (For Joystick) Potentiometer

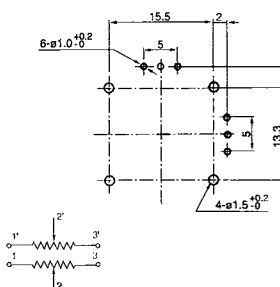
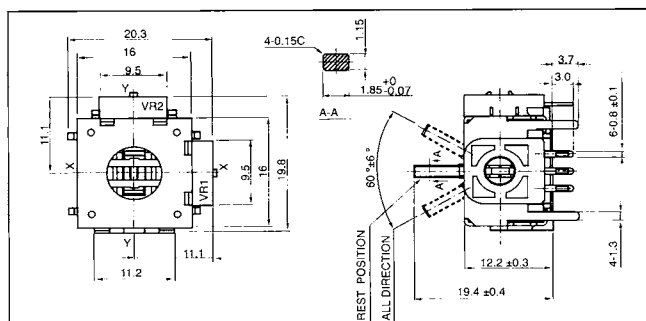
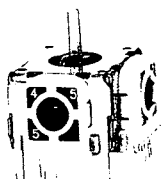
F-JN10K

Single Shaft With Switch,
Dual Unit, P.C.B. Terminal



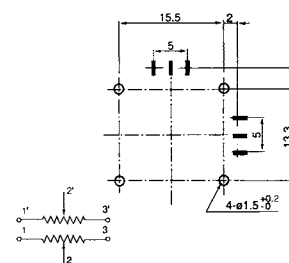
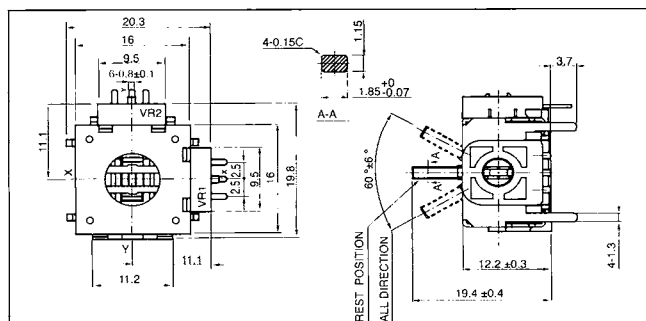
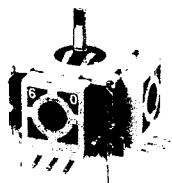
F-JN10K-1

Single Shaft, Dual Unit
P.C.B. Terminal



F-JN10K-4

Single Shaft,
Dual Unit, Solder Terminal

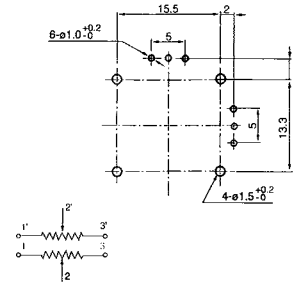
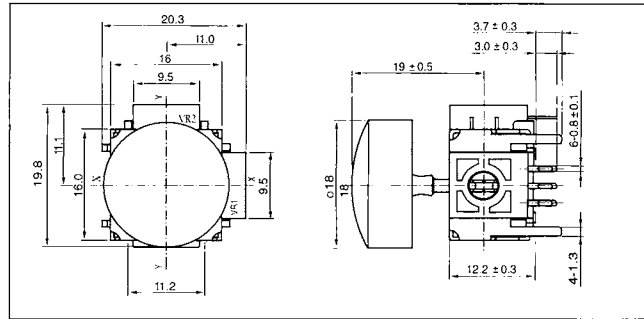
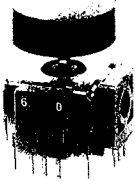


F-JN10K Series

3D (For Joystick) Potentiometer

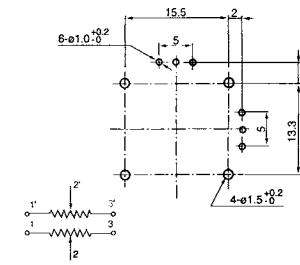
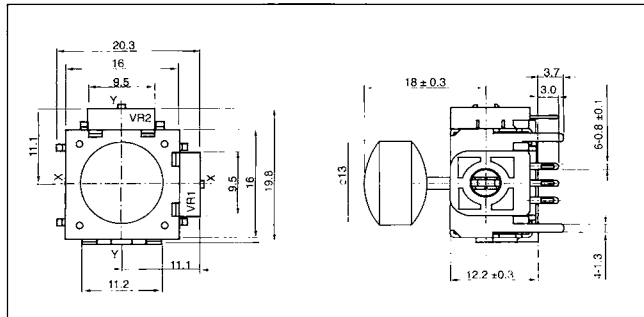
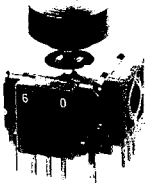
F-JN10K-13

Single Shaft With Copper Ball,
Dual Unit, P.C.B. Terminal



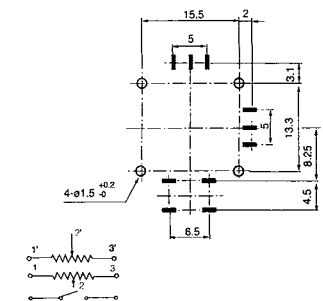
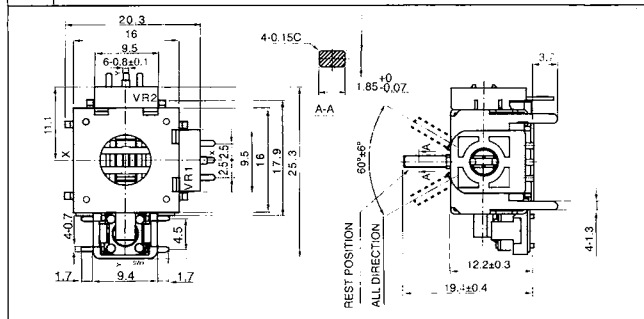
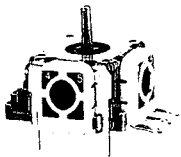
F-JN10K-15

Single Shaft With Copper Ball
Dual Unit, P.C.B. Terminal



F-JN10K-16

Single Shaft With Switch,
Dual Unit, Solder Terminal

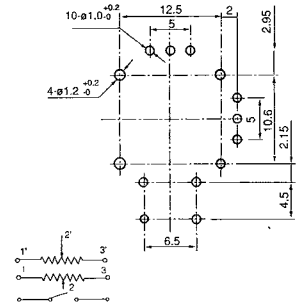
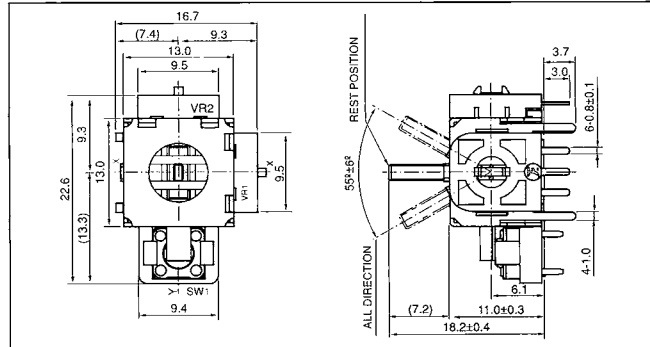
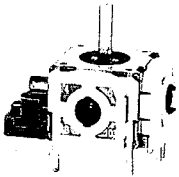


F-JM10K Series

3D (For Joystick) Potentiometer

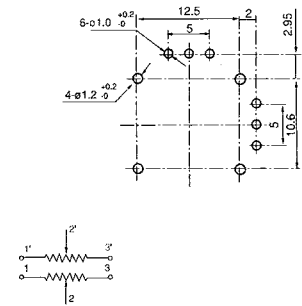
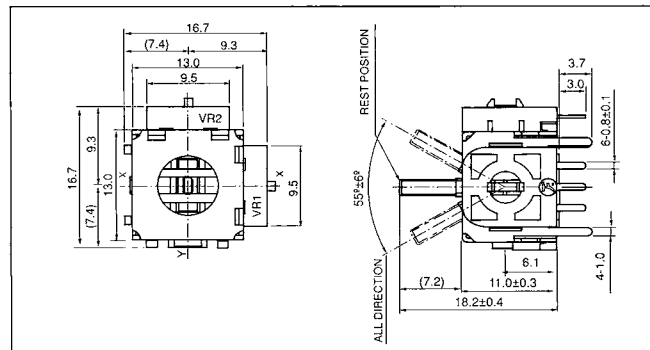
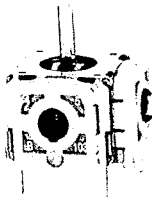
F-JM10K

Single Shaft With Switch,
Dual Unit, P.C.B. Terminal



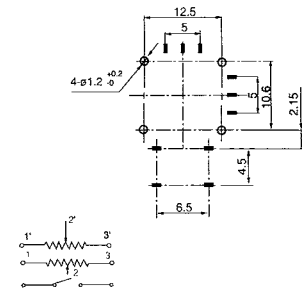
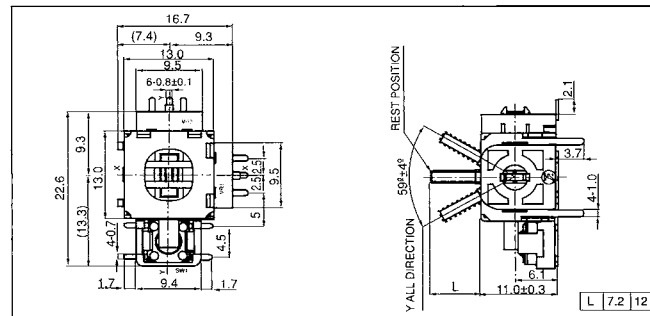
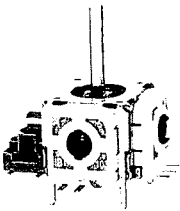
F-JM10K-1

Single Shaft, Dual Unit
P.C.B. Terminal



F-JM10K-3

Single Shaft With Switch,
Dual Unit, Solder Terminal



F-JN10K Series

3D (For Joystick) Potentiometer

SPECIFICATIONS

Electrical Characteristics	• Total Resistance10K Ω~ 100KΩ • Total Resistance Tolerance$\pm$ 20% • Resistance TaperB, See P14 • Max. Operation Voltage.....Linear Taper B : AC 50V or DC5.0V • Rated PowerLinear Taper B :0.0125 W • Sliding NoiseLess than 300 mV(by JIS method) • Insulation Resistance.....More than 100 MΩ at DC 250 V1Minute • Withstand Voltage.....1 minute at AC 250 V/2m A/ 50 Hz
Mechanical Characteristics	• Figure of lever operationCircular Operating • Stopper Strength3.1 kgf. cm Min 3 sec • Push-Pull StrengthPush/Pull 5.0 kgf Min 3 sec • Operating Force.....300 gf.cm Max. • Accuracy of rest position.....$\pm$ 5° • Operating angle of lever.....60° $\pm$ 6°
Durability	• Rotational Life.....100,000 Cycles Min.
Tact Switch Specifications	• Maximum Ratings.....12 V DC 50 mA • Operating Force.....820 $\pm$260 gf • Travel.....0.5$^{+0.5}_{-0.4}$ mm
Durability	• Operating Life.....100,000 Cycles Min.