

Feature

1. Metal housing.
2. Dust cover option.
3. Available in red. Green and yellow LED colours.
4. Center detent option.

FXX45 Slide potentiometer

Electrical characteristics

- Total Resistance.....500 Ω ~1M Ω
- Total Resistance Tolerance..... $\pm 20\%$
- Resistance Taper.....A,B,C,D etc
- Withstand Voltage.....1 minute at AC 300V
- Insulated Resistance.....More than 100M Ω at DC 250V
- Sliding Noise.....Less than 100mV
- Residual Resistance.....Term.1~2: Less than 10 Ω
Term.2~3: Less than 30 Ω
- Gang Error (Dual Unit).....- 40dB~0dB ± 3 dB
- Rated Voltage.....Linear Taper B:15mm:AC 100V
20mm,30mm,45mm,60mm:AC 200V
Other Tapers:15mm:AC 50V
20mm,30mm,45mm,60mm:AC150V
- Rated Power(Single Unit/Dual gangs)
 - Linear Taper B.....15mm,0.05W/0.025W,20mm:0.1W/0.05W,
30mm:0.2W/0.1W,45mm:0.25W/0.125W,
60mm:0.2W/0.2W
 - Other Tapers.....15mm,0.025W/0.012W,20mm:0.05W/0.025W,
30mm:0.1W/0.05W,45mm:0.125W/0.06W,
60mm:0.1W/0.1W

Mechanical characteristics

- Level push - pull strength3.0Kgf Min at 10Sec.
- Slide torque.....10gf~100gf
- Stopper Strength.....5.0Kgf Min
(from the base level to a point of 2mm)
- Detent Torque(only center click).....30gf~200gf
- Level Wobble.....2(2xL)/20mm Max.(L:Level length both sides)

Durability

- Slide Life.....10,000 Cycles Min.

MODEL		A	B	C	D	E	F	G	FRAME TYPE
2045E	2045E1	35	31	20	30	7.5	5	12.5	
3045E	3045E1	45	41	30	40	12.5	10	22.5	
4545E	4545E1	60	56	45	55	17.5	15	32.5	
6045E	6045E1	75	71	60	70	25	22.5	47.5	

PLASTIC SHAFT						
TYPE		E-Type				
DIMENSIONS		The technical drawing shows a cross-section of an E-Type plastic shaft. It features a central rectangular hole with a width of 5.5 and a depth of 3. The total width of the shaft is 6 ± 0.1. The height of the shaft is 6.5 ± 0.1. The distance from the top edge to the top of the hole is 1 ± 0.1. The distance from the bottom edge to the bottom of the hole is 0.5. The total length of the shaft is L ± 0.5. A side view shows the shaft's profile with a width of 2 ± 0.1.				
LENGTH		L	15	19		

MODEL		A	B	C	D	E	F	G	FRAME TYPE
2045G	2045G1	35	31	20	30	7.5	5	12.5	
3045G	3045G1	45	41	30	40	12.5	10	22.5	
4545G	4545G1	60	56	45	55	17.5	15	32.5	
6045G	6045G1	75	71	60	70	25	22.5	47.5	

METAL SHAFT				PLASTIC SHAFT			
TYPE	D-Type(M)		C-Type(M)	B-Type(P)		C-Type(P)	D-Type(P)
DIMENSIONS							
LENGTH	L	15 20 25	L 10 15 20 25	L	5	L 5 15	L 10 15 20 25

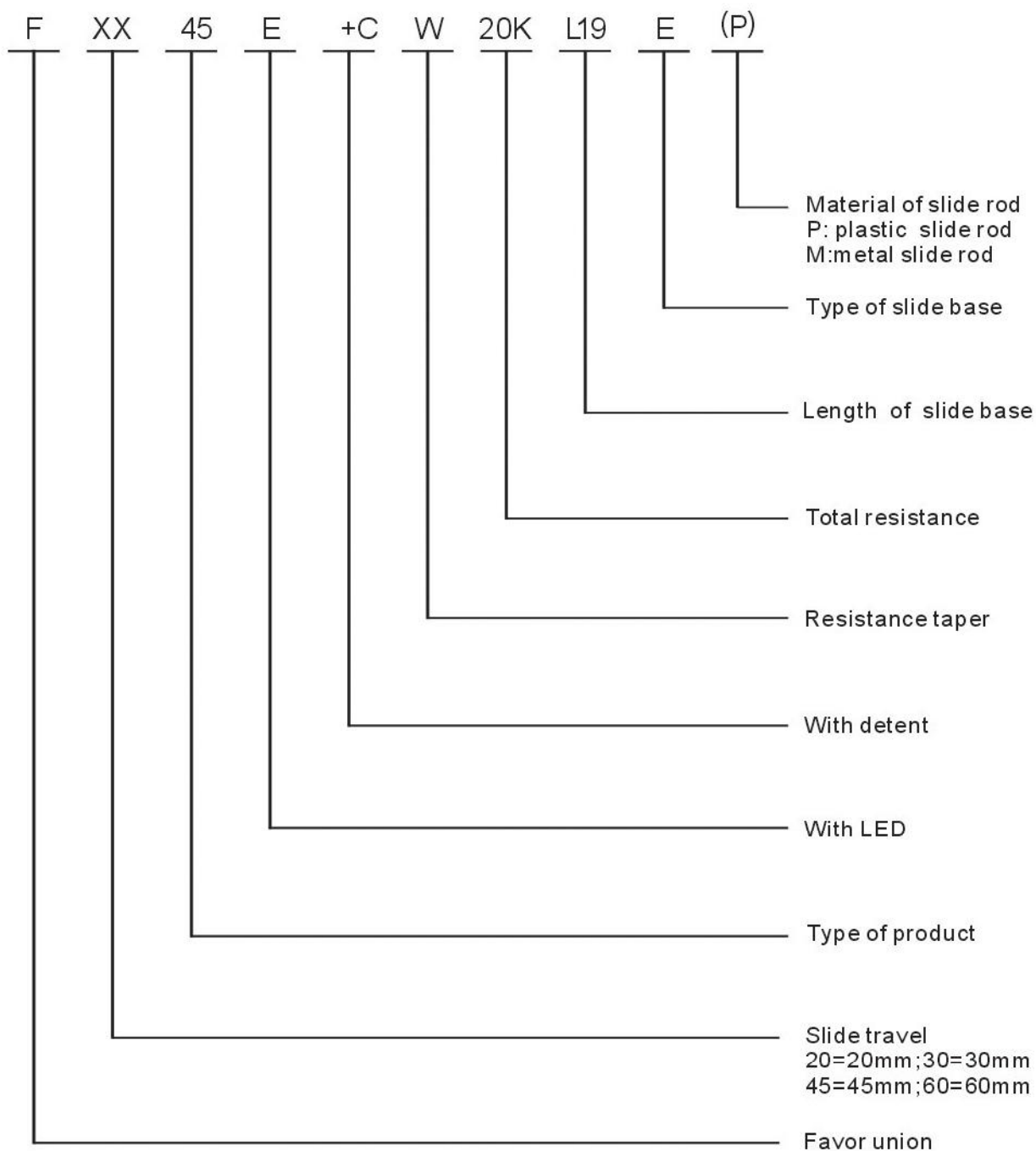


FXX45 Series

Slide Potentiometer

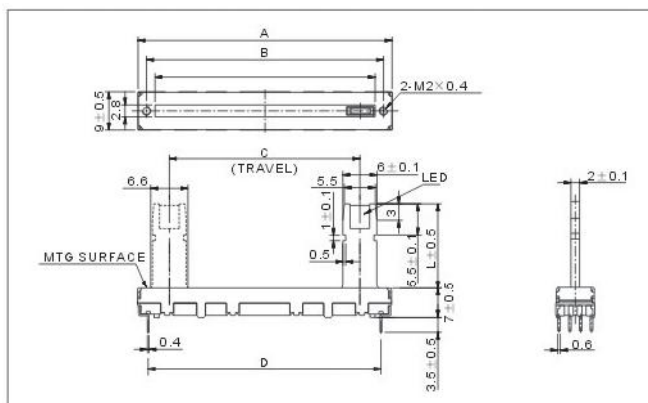
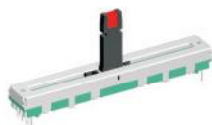


HOW TO ORDER

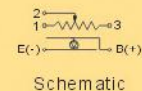


FXX45E

20mm/25mm/30mm/45mm/
60mm, with LED
Standard Type, Single Unit,
Center Detent available

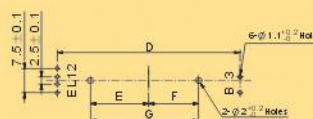
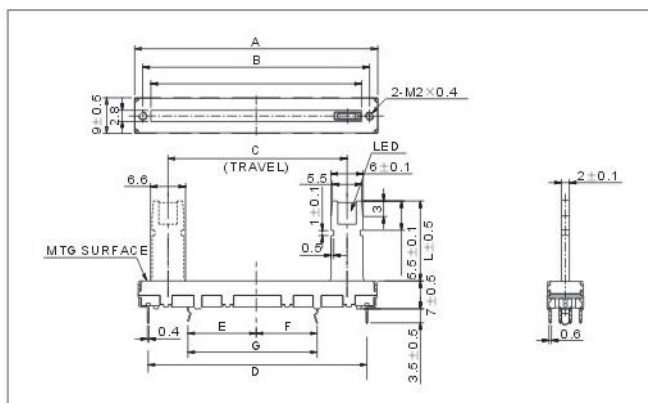


P.C.B layout Dimension

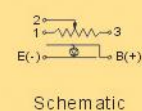


FXX45E1

20mm/25mm/30mm/45mm/
60mm, with LED
Standard Type, Single Unit,
Center Detent available

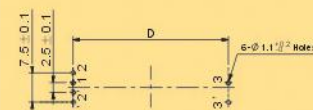
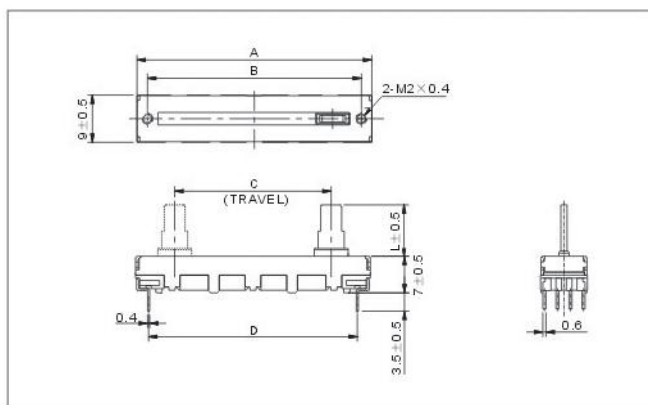


P.C.B layout Dimension

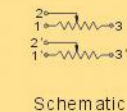


FXX45G

20mm/25mm/30mm/45mm/
60mm,
Standard Type, Dual Unit,
Center Detent available

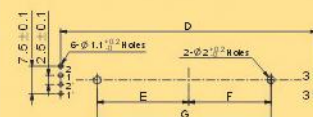
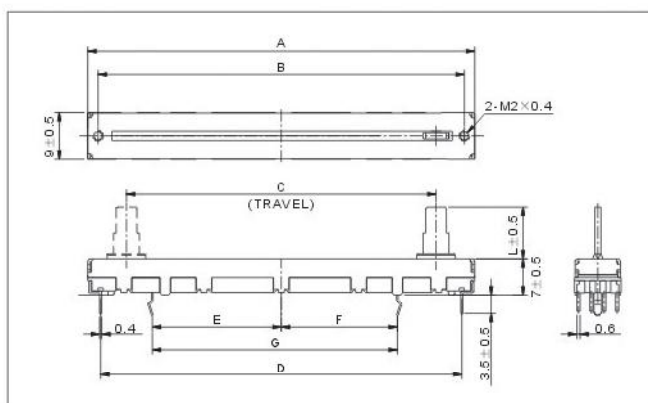


P.C.B layout Dimension



FXX45G1

20mm/25mm/30mm/45mm/
60mm,
Standard Type, Dual Unit,
Center Detent available



P.C.B layout Dimension

