

## Feature

1. Metal housing. 2. Center detent available.
3. Metal slide rod type. 4. Long Life Type Available.

## Fxx3 Slide potentiometer

## Electrical characteristics

- Total Resistance..... 1K $\Omega$  ~1M $\Omega$
- Total Resistance Tolerance..... 500 $\Omega$  <R<1M $\Omega$  :  $\pm$ 20%  
R $\leq$ 500 $\Omega$  or R $\geq$ 1M $\Omega$  :  $\pm$ 30%
- Resistance Taper..... A,B,C
- Withstand Voltage..... 30~100mm: 1 minute at AC 500V
- Insulated Resistance..... 30~100mm: More than 100m $\Omega$  at DC 500V
- Sliding Noise..... Less than 100mV
- Residual Resistance..... Term.1~2 < 5 $\Omega$  Term.2~3 < 5 $\Omega$
- Gang Error (Dual Unit)..... - 40dB~0dB $\pm$ 3dB
- Rated Voltage ..... Linear Taper B:30mm:AC 200V,45mm:350V;60:AC 500V  
Other Tapers:30mm:AC 150V,45mm:250V;60:AC 350V
- Rated Power ..... Linear Taper B:30mm,0.1W;45mm:0.125W;60mm:0.25W  
Other Tapers:30mm,0.05W;45mm:0.06W;60mm:0.125W

## Mechanical characteristics

- Slide Travel.....30mm,45mm,60mm
- Slide Torque.....20~300gf
- Detent Torque(Only Center Click).....30gf~350gf
- Stopper Strength.....5.0Kgf.cm Min  
(From the base level to a point of 2mm)
- Level Wobble.....2(2xL)/20mm Max.(L:Level length both sides)
- Level Push-Pull Strength.....5.0Kgf Min at 10Sec.

## Durability

- Sliding Life.....Standard life: 15,000 Cycles Min.  
Long life: 100,000 Cycles Min.
- Operating Temperature Range.....-10 $^{\circ}$ C ~ +70 $^{\circ}$ C

### HOW TO ORDER

Fxx3-	G	S	1	1	S	C	1	C	100K	1
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Model Series	
xx	Slide Travel
30	30mm
45	45mm
60	60mm

Code	Gang Option
G	Dual Gangs

Code	Terminal Type
P	PC Pins
S	Solder Lugs
See Note 1	

Terminal Length	
See Note 1	

Slide Lever Type & Length	
See Note 2	

Code	Dustproof Option
S	No Dustproof Cover
D	with Plastic Dustproof
R	with Nonwoven Dustproof

Code	Detent
0	No Detent
1	Center Detent

Code	Resistance Taper
A	Audio (15A)
B	Linear (3B)
C	Reverse Audio(15C)
D	Audio (10A)

Total Resistance	
1K	
2K	
5K	
10K	
20K	
50K	
100K	
200K	
500K	
1MEG	

#### Note 1: Terminal Type and Length:

P-type: PC Pins

Code	length
1	6.5
2	8.5

S-type: Solder Lugs

Code	length
1	7

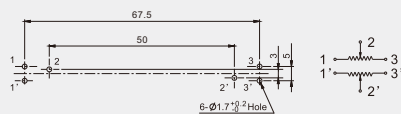
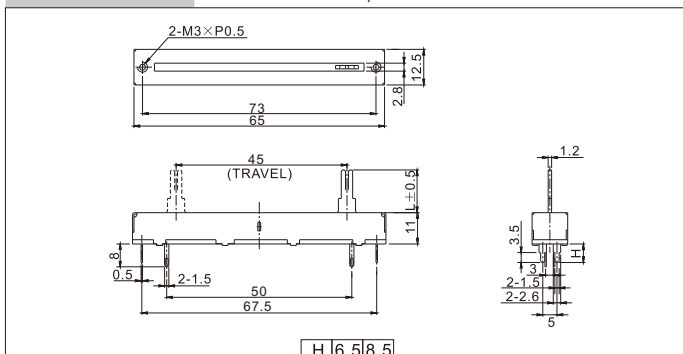
Code	Operation Life
(Blank)	Std. Life w/o anti-sulfur
1	Std. Life w/ anti-sulfur
2	Long Life w/ anti-sulfur
3	Long Life w/o anti-sulfur

#### Note 2: Slide Lever Type and Length:

A-TYPE				D-TYPE				C-TYPE				H-TYPE				B-TYPE					
L	16	20	25	L	10	15	20	L	10	16	19	L	10	15	20						
F	11	10	10	F	5	10	10	F	5	10	10	F	7	10	13						
M	11	12	12									M	6	7	10						
CODE	1	2	3	CODE	1	2	3	CODE	1	2	3	CODE	1	2	3	L	9.5	10	CODE	1	2

### F453-GP

45mm Travel, Standard type, 2 Gangs, Center  
Detent Available, PC Pins

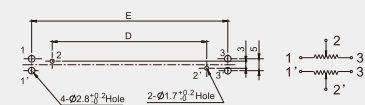
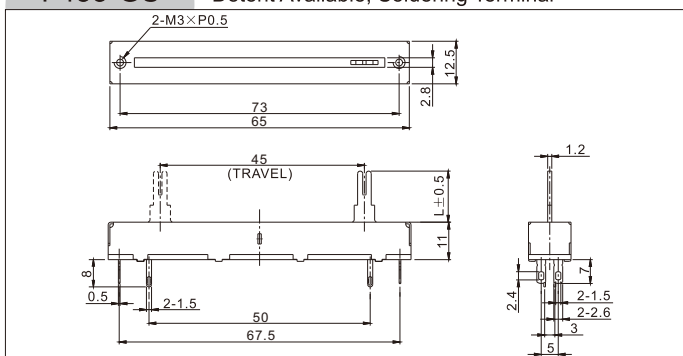


PC.B layout Dimension

Schematic

### F453-GS

45mm Travel, Standard Type, 2 Gangs, Center  
Detent Available, Soldering Terminal

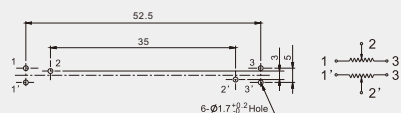
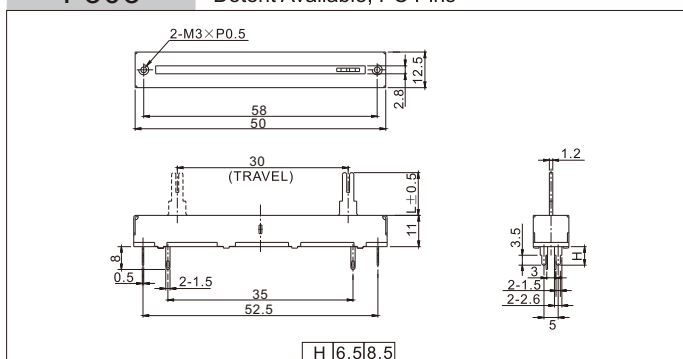


PC.B layout Dimension

Schematic

### F303

30mm Travel, Standard type, 2 Gangs, Center  
Detent Available, PC Pins

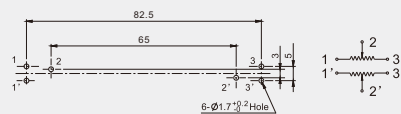
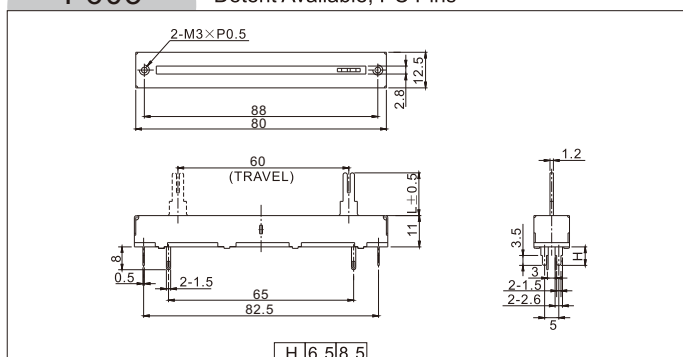


PC.B layout Dimension

Schematic

### F603

60mm Travel, Standard type, 2 Gangs, Center  
Detent Available, PC Pins



PC.B layout Dimension

Schematic

Slide Potentiometer