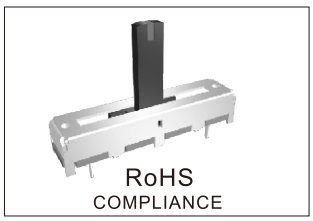
Fxx43 Series
Slide Potentiometer



Feature

1.Metal housing. 2.Center detent option.
3. Plastic and metal both slide rod type. 4.Long Life Type Available.

Fxx43N Slide potentiometer

Electrical characteristics

- Total Resistance.....1KΩ~1MΩ
- Total Resistance Tolerance.....500Ω<R<1MΩ: ±20%
  R≤500Ω or R≥1MΩ: ±30%
- Resistance Taper.....A,B,C
- Withstand Voltage.....1 minute at AC 300V
- Insulated Resistance.....More than 10MΩ at DC 250V
- Sliding Noise.....Less than 100mV
- Residual Resistance.....20mm:
  Term.1~2(2'~3'): Less than 10Ω
  Term.2~3(1'~2'): Less than 20Ω
  30mm:
  Term.1~2(2'~3'): Less than 10Ω
  Term.2~3(1'~2'): Less than 30Ω
- Gang Error (Dual Unit).....- 40dB~0dB±3dB
- Rated Voltage .....Linear Taper B:
  20mm,30mm,45mm,60mm:AC 200V
  Other Tapers:15mm:AC 50V
  20mm,30mm,45mm,60mm:AC 150
  20mm:AC 150V
- Rated Power(Single Unit/Dual Unit)
  Linear Taper B..... 20mm:0.1W/0.05W,
  30mm:0.2W/0.1W,45mm:0.25W/0.125W,
  60mm:0.2W/0.2W
  Other Tapers..... 20mm:0.05W/0.025W
  30mm:0.1W/0.05W,45mm:0.125W/0.06W,
  60mm:0.1W/0.1W

Mechanical characteristics

- Slide Torque.....10gf~100gf
- Stopper Strength.....5.0Kgf.cm Min
  (from the base level to a point of 2 mm)
- Detent Torque(Only Center Click).....50gf~200gf
- Level Wobble.....2(2xL)/20mm Max.(L:Level length both sides)
- Level Push-Pull Strength.....3.0Kgf Min at 10Sec.

Durability

- Sliding Life.....Standard life: 15,000 Cycles Min.
  Long life: 100,000 Cycles Min.
- Operating Temperature Range.....-10°C ~ +70°C

Fxx43 Series
Slide Potentiometer

HOW TO ORDER

Fxx43-	N	F	0	S	M	C	1	C	100K	1

Model Series	
xx	Slide Travel (See Note 2)
20	20mm
30	30mm
45	45mm
60	60mm

Code	Detent
0	No Detent
1	Center Detent

Code	Frame Option
N	No Frame
F	With Frame

Code	Gang Option
N	Single Unit

Slide Lever Type& Length
See Note 1

Code	Slide Material
P	Plastic Slide Rod
M	Metal Slide Rod

Code	Resistance Taper
A	Audio (15A)
B	Linear（1B）
C	Reverse Audio(15C)
D	Audio (10A)

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

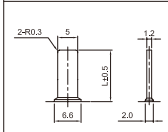
Code	Dustproof Option
S	No Dustproof Cover
D	with Plastic Dustproof
R	with Nonwoven Dustproof

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 1: Slide Lever Type and Length:

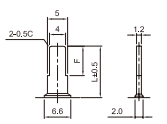
Metal Slide Rod

B-TYPE(M)



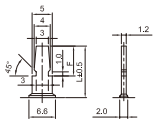
L	5	10	15
CODE	1	2	3

C-TYPE(M)



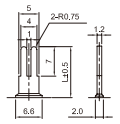
L	10	15	17.3	20	25
F	7	10	10	10	10
CODE	1	2	3	4	5

D-TYPE(M)



L	10	15	20	25
F	7	10	10	10
CODE	1	2	3	4

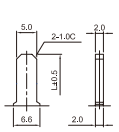
H-TYPE(M)



L	10.4
CODE	1

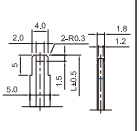
Plastic Slide Rod

B-TYPE(P)



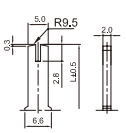
L	5	15
CODE	1	2

C-TYPE(P)



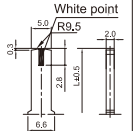
L	10	15
CODE	1	2

D-TYPE(P)



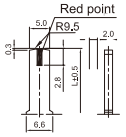
L	10	15	20
CODE	1	2	3

W-TYPE(P)



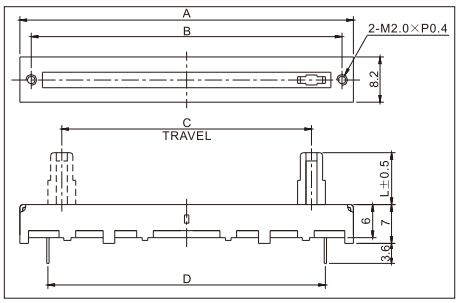
L	10	15	20
CODE	1	2	3

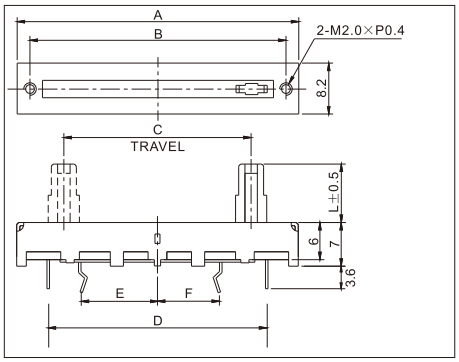
R-TYPE(P)



L	10	15	20
CODE	1	2	3

Note 2: Dimension

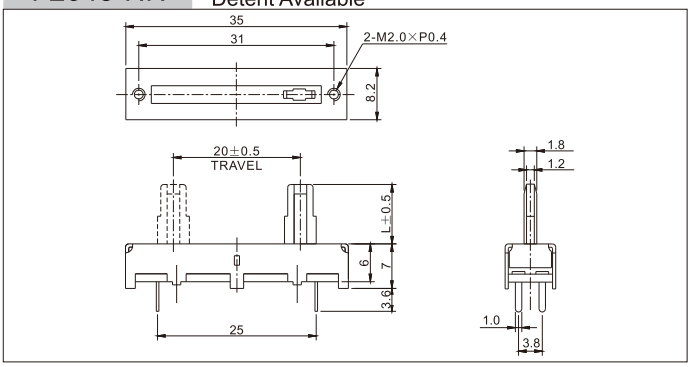


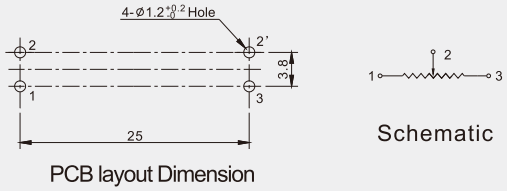


MODEL		A	B	C	D	E	F
F2043-NN		35	31	20	25		
F2543-NN		40	36	25	30		
F3043-NN	F3043-NF	45	41	30	35	12.5	10
F4543-NN	F4543-NF	60	56	45	50	17.5	15
F6043-NN		75	71	60	65		

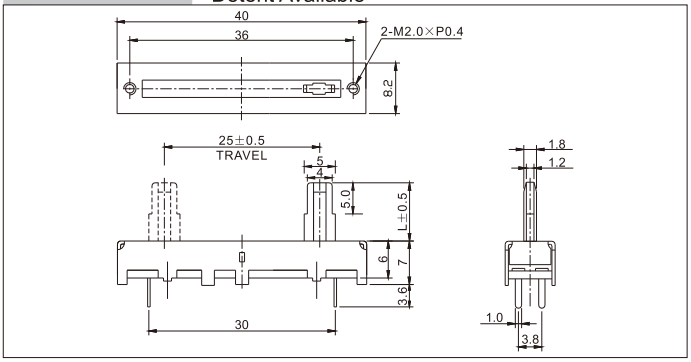
Fxx43 Series
Slide Potentiometer

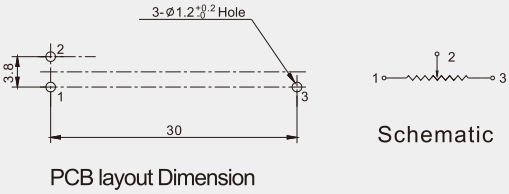
F2043-NN
20mm Travel, Standard Type, 1 Gang, Center Detent Available



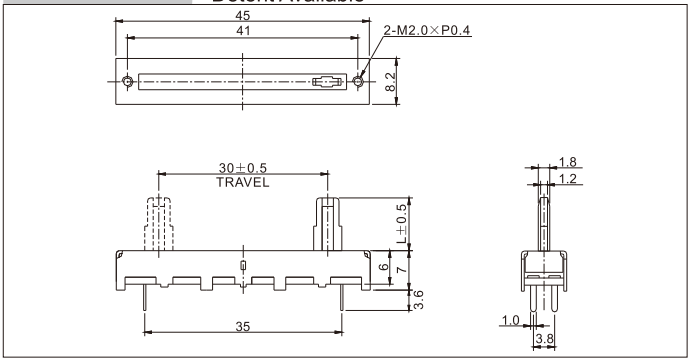


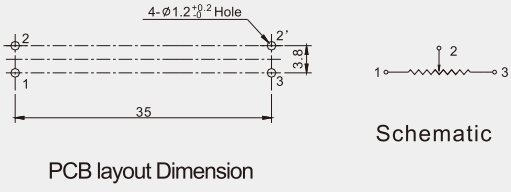
F2543-NN
25mm Travel, Standard Type, 1 Gang, Center Detent Available





F3043-NN
30mm Travel, Standard Type, 1 Gang, Center Detent Available





F4543-NN
45mm Travel, Standard Type, 1 Gang, Center Detent Available