



Feature

1. Metal housing.
2. Center detent option.
3. Plastic and metal both slide rod type.

FXX43N 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 10M 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 VoltageLinear Taper B:15mm:AC 100V
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.....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

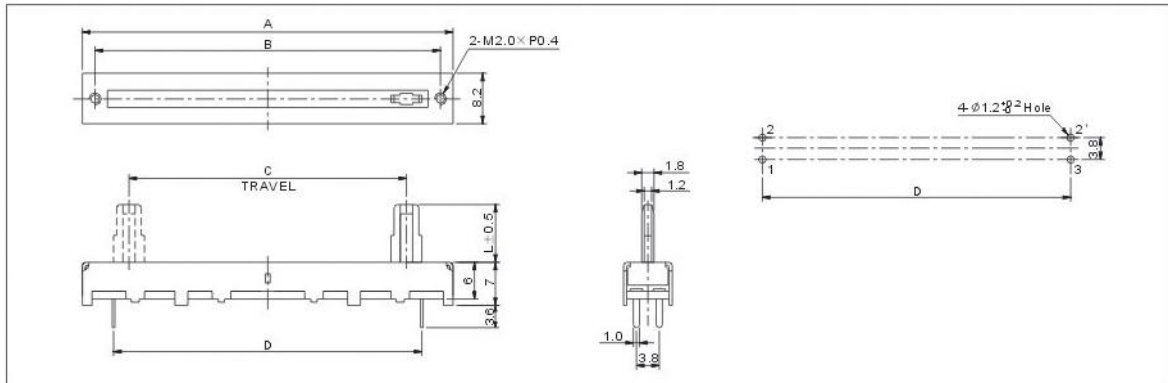
Mechanical characteristics

- 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).....30gf~200gf
- Level Wobble.....2(2xL)/20mm Max.(L:Level length both sides)
- Level Push-Pull Strength.....3.0Kgf Min at 10Sec.

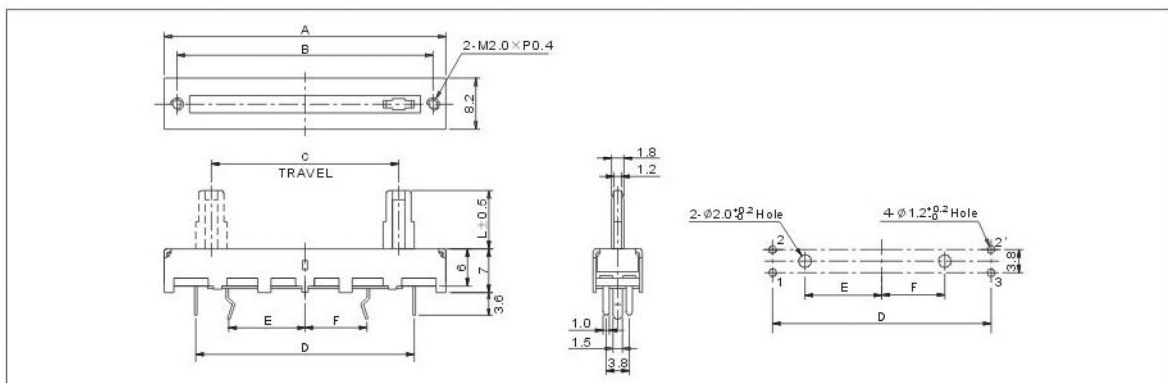
Durability

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

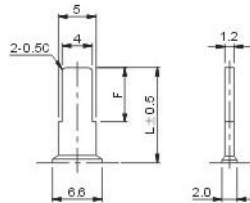
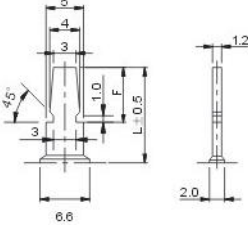
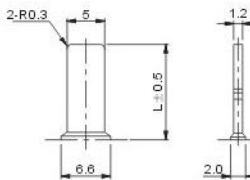
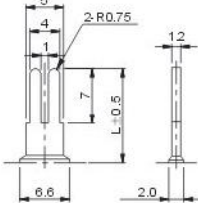
FXX43N

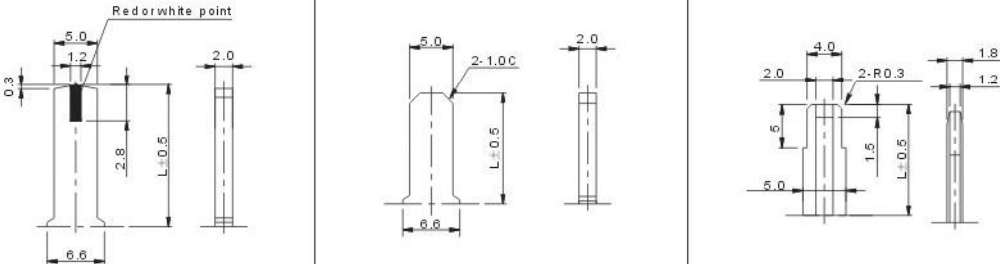


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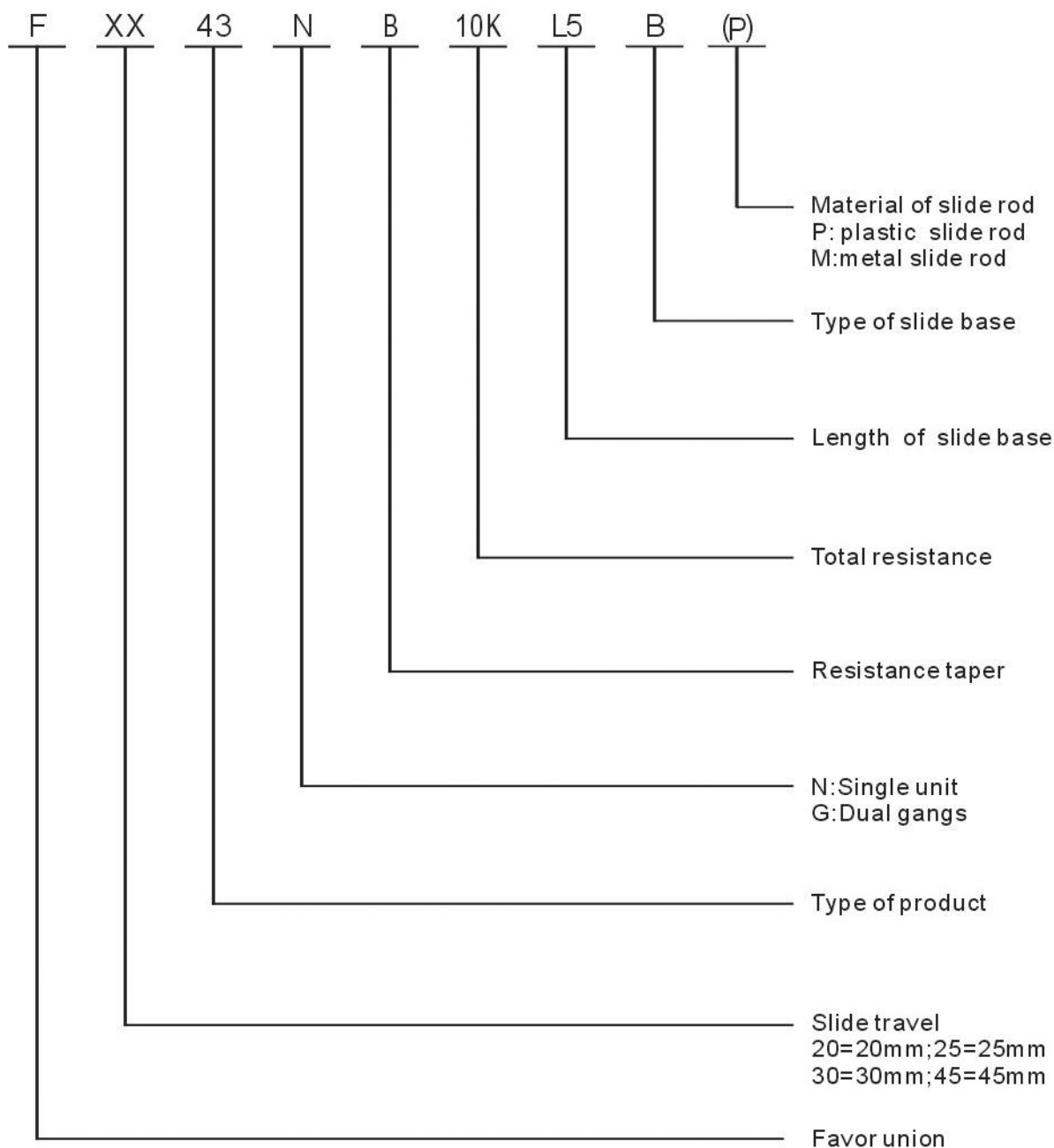


MODEL	A	B	C	D	E	F	FRAME TYPE
F2043N	35	31	20	25			
F2543N	40	36	25	30			
F3043N	F3043N-1	45	41	30	35	12.5	
F4543N	F4543N-1	60	56	45	50	17.5	
F6043N		75	71	60	65		

METAL SLIDE ROD																									
TYPE		C-Type					D-Type					B-Type					CH-Type								
DIMENSIONS																									
		4					5					6					7								
LENGTH		L	10	15	20			L	10	15				L	10	15	175	20	25	L	104				
		F	5	10	10									F	7	10	10	10	10						

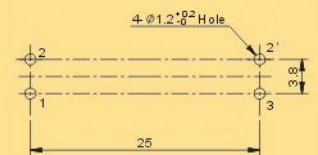
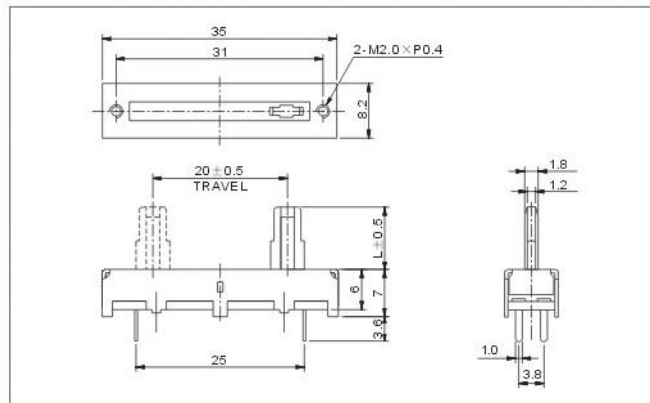
PLASTIC SLIDE ROD																		
TYPE	D-Type(P)						B-Type(P)						C-Type(P)					
DIMENSIONS																		
LENGTH	L	10	15	20			L	5	15				L	10	15			

HOW TO ORDER

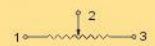


F2043N

20mm, Standard Type,
Single Unit, Center Detent
available



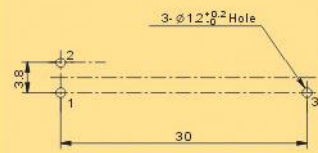
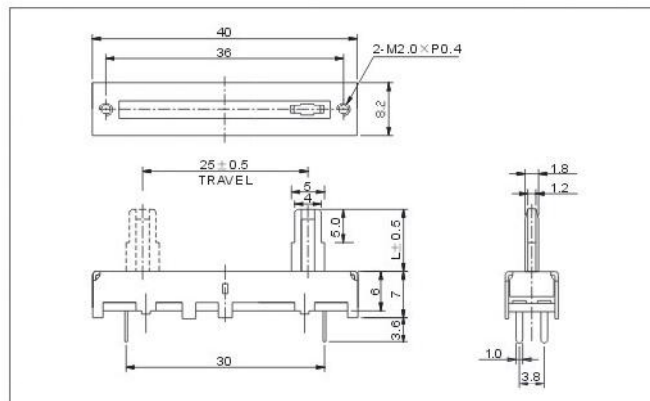
PCB layout Dimension



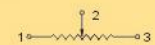
Schematic

F2543N

25mm, Standard Type,
Single Unit, Center Detent
available



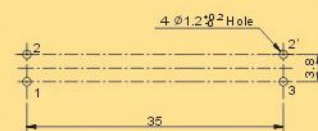
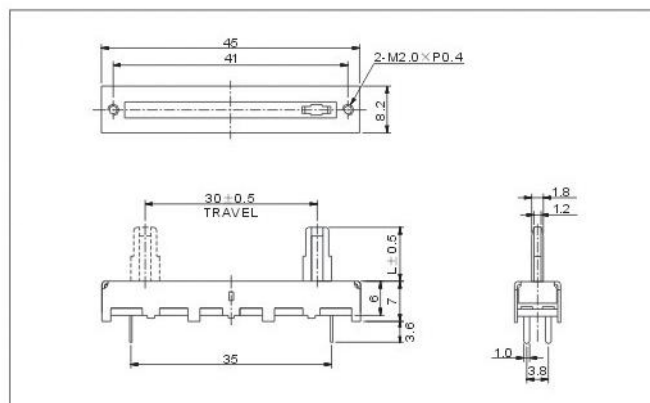
PCB layout Dimension



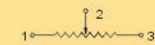
Schematic

F3043N

30mm, Standard Type,
Single Unit, Center Detent
available



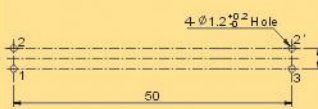
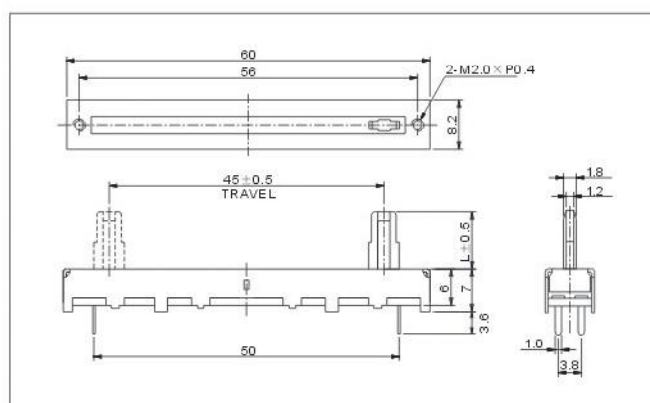
PCB layout Dimension



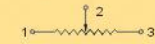
Schematic

F4543N

45mm, Standard Type,
Single Unit, Center Detent
available



PCB layout Dimension



Schematic