

Distinctive Characteristics

Slim .150" (3.8mm) body has the lowest profile in the industry and allows close stacking of PC boards.

Highly visible legends and choice of screwdriver or shaft actuators with arrow position indication provide trouble-free code setting.

Detent mechanism gives crisp, positive action for accurate switch setting.

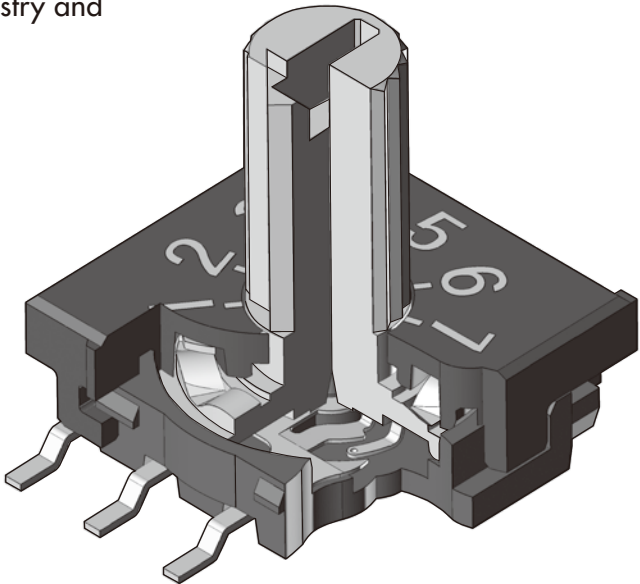
Use of heat resistant resin allows infrared convection reflow soldering.

Gull-winged terminals ensure mechanical stability during soldering and simplify solder joint inspection.

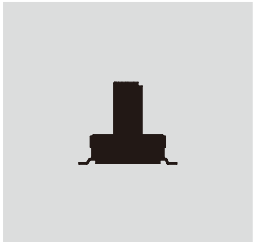
Cam activated movable contact and gold contacts assure contact reliability and continuity.

Tape-reel packaging meets EIA-481-2 Standard.

Coplanarity: all considered surfaces must lie between two parallel planes that are a maximum distance apart of .0059" (0.15mm). (Additional coplanarity details in Terms and Acronyms in the Supplement section.)



Actual Size

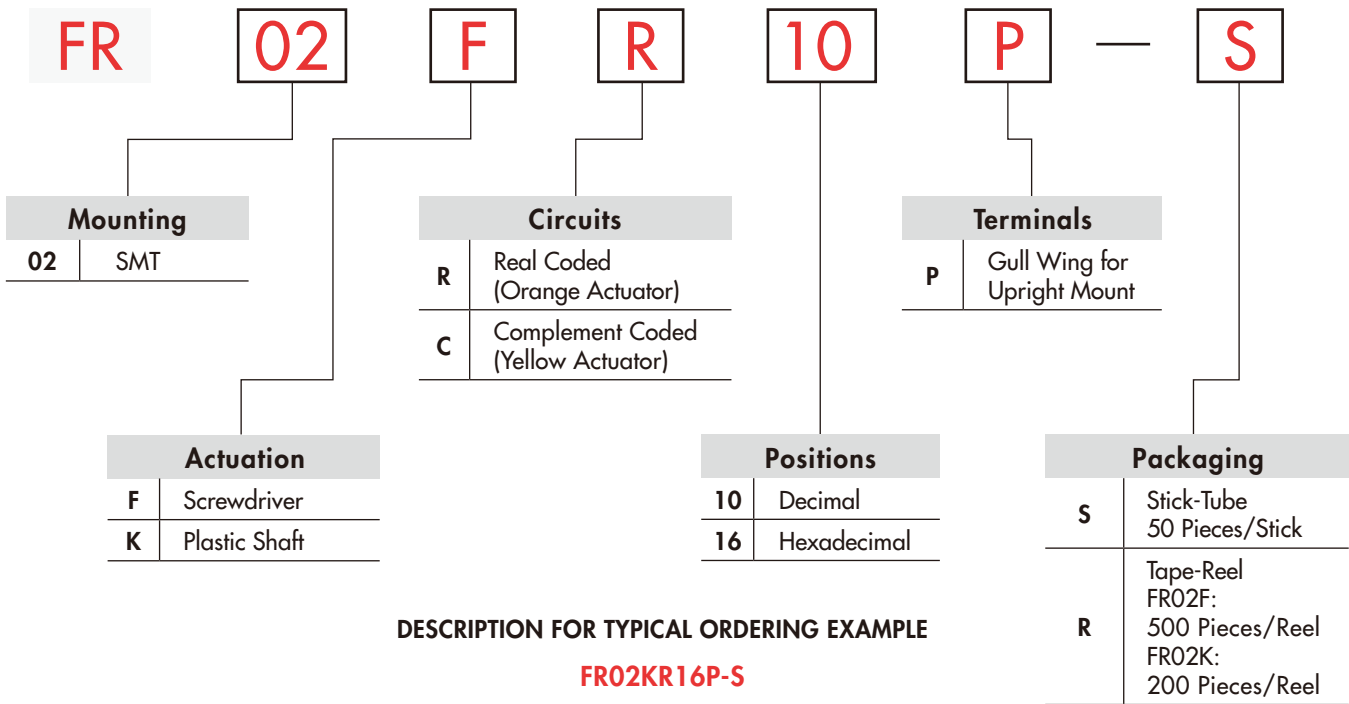


TRUTH TABLES (CIRCUITS & POSITIONS)

Actuator Position ● = ON		10 Decimal										16 Hexadecimal															
		0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
R Real Coded Model Numbers: FR02FR, FR02KR	1		●		●		●		●		●		●		●		●		●		●		●		●		●
	2			●	●			●	●				●	●			●	●			●	●			●	●	
	4					●	●	●	●						●	●	●	●					●	●	●	●	
	8									●	●								●	●	●	●	●	●	●	●	●
C Complement Coded Model Numbers: FR02FC, FR02KC	1	●		●		●		●		●		●		●		●		●		●		●		●		●	
	2	●	●			●	●			●	●	●	●			●	●			●	●			●	●		
	4	●	●	●	●					●	●	●	●	●	●					●	●	●	●				
	8	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●									

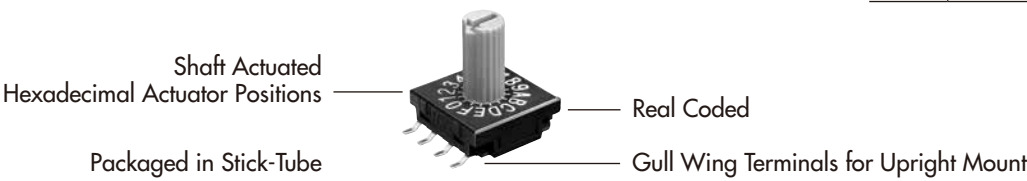
Terminal numbers are actually on the switch.

TYPICAL SWITCH ORDERING EXAMPLE



DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

FR02KR16P-S

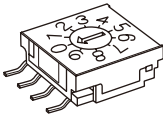


ACTUATION

F

Screwdriver

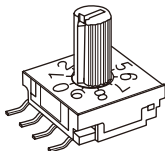
Adjusted with a flat
tipped screwdriver



K

Plastic Shaft

Adjusted by hand or with
flat tipped screwdriver

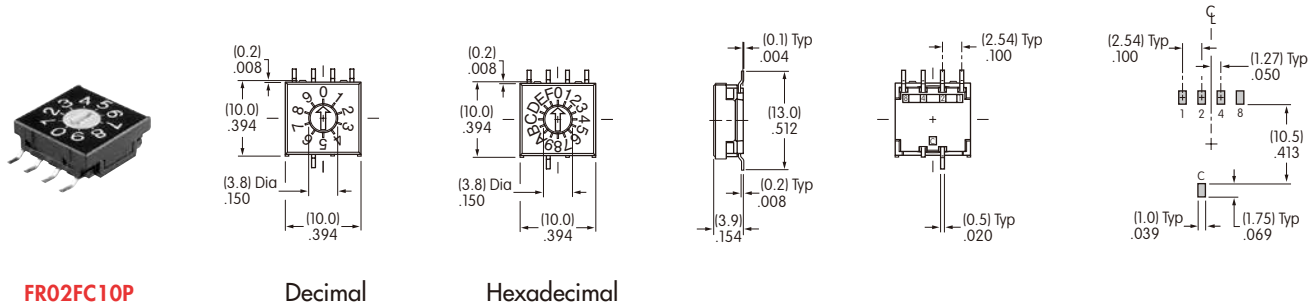


Actuators are fully rotational either clockwise or counterclockwise.
Actuator Colors: Orange for real coded devices; Yellow for complement coded devices.

TYPICAL SWITCH DIMENSIONS

P

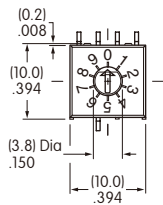
Upright • Screwdriver



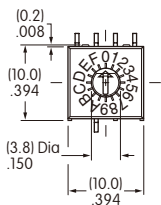
TYPICAL SWITCH DIMENSIONS

Upright • Plastic Shaft

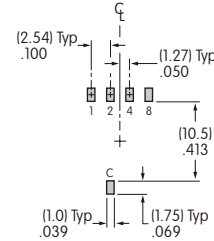
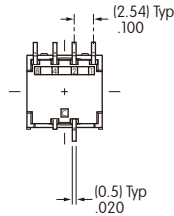
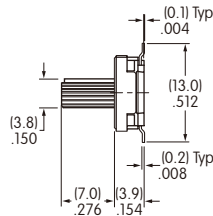
P



Decimal



Hexadecimal



FR02KC16P

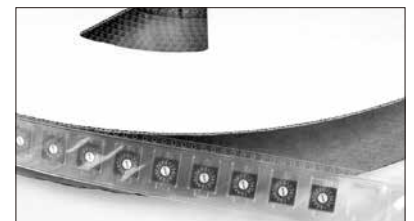
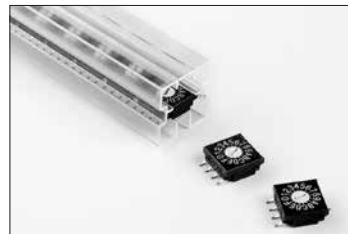
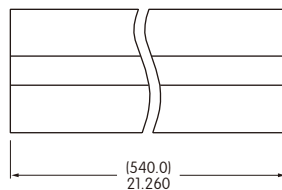
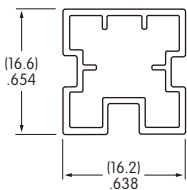
PACKAGING

S

Stick-Tube

FR02F & FR02K

Each stick-tube contains 50 switches.
Switches must be ordered in 50-piece increments.



R

Tape-Reel

FR02F

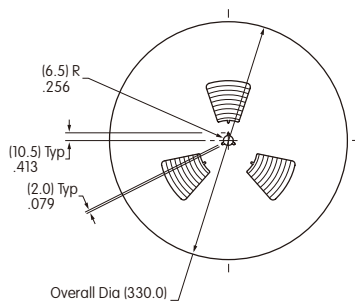
Switches must be ordered in 500-piece increments.
This packaging meets EIA-481-2 Standard.

Each tape-reel of 550 pockets contains 500 switches.
Minimum Leader Length: 15.748" (400mm)
Minimum Trailer Length: 6.299" (160mm)

FR02K

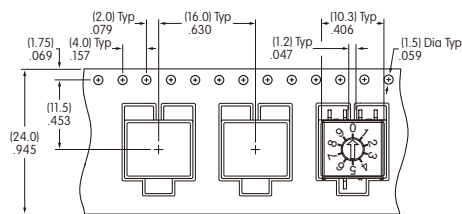
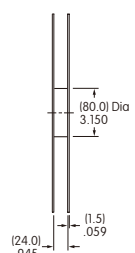
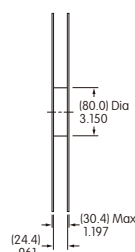
Switches must be ordered in 200-piece increments.
This packaging meets EIA-481-2 Standard.

Each tape-reel of 250 pockets contains 200 switches.
Minimum Leader Length: 15.748" (400mm)
Minimum Trailer Length: 6.299" (160mm)

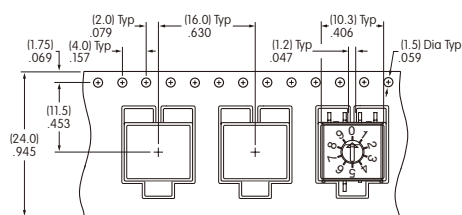


FR02F

FR02K



Direction of Feed →



Direction of Feed →

