

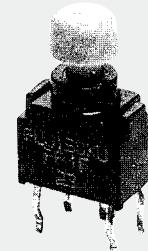
## HYPER-MINIATURE PUSHBUTTON SWITCHES

FP

## ■ FEATURES

- It is of ultra-compact type. The volumetric ratio is half that of the conventional Series A.
- Immersion cleaning is possible after soldering.
- Terminal mounting is at 0.1-inch pitches.
- Independent detent mechanism provides light feel operability.
- Regarding the contact reliability, a long-term stability is assured by the clip contact.
- Gold plated contacts.

RoHS compliant



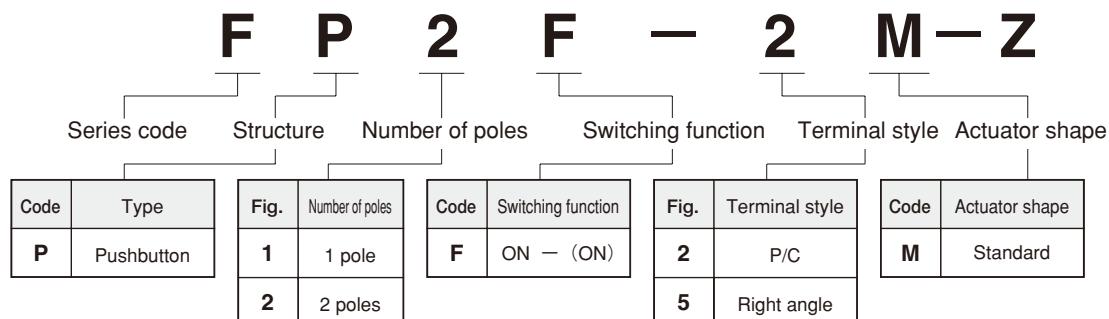
## ■ SPECIFICATIONS

Rating	Max.	0.4VA (28VDC max.)
	Min.	1μA 20mVDC
Initial contact resistance	100mΩmax	(1.5mA 200 μVAC)
Dielectric strength	250VAC 1 minute	
Insulation resistance	500MΩmin.	(250VDC)
Electrical life	10,000 operations at max. rating,	
Operating force	1.47±0.98N	
Operating temperature range	−40～+85°C	
Storage temperature range	−40～+85°C	

## ■ TABLE OF PART NUMBERS

Number of poles	Switching function	P/C terminal	Right angle
1	ON - (ON)	FP1F-2M-Z	FP1F-5M-Z
2	ON - (ON)	FP2F-2M-Z	FP2F-5M-Z

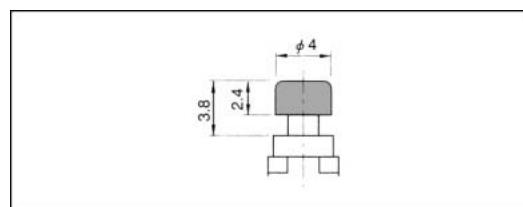
## ■ PART NUMBERING



## ■ OPTIONAL ACCESSORIES

Part Name	Dimension	Color	Part Number
Color Cap	Gloss finish  ABS resin	White	140000481453
		Red	140000481452
		Black	140000481451
		Gray	140000481450

## ■ COLOR CAP MOUNTING



※Please contact us if you can't find your preferable combination in the table of part numbers.

■ Specifications are subject to change without notice. Specifications in this catalog are for reference. The formal specification sheets will be submitted upon request.



# FP HYPER-MINIATURE PUSHBUTTON SWITCHES

## ■ PRECAUTIONS

## 1. Soldering

- (1) Hand soldering  
Device : Solder iron  
380 °C Max. 3 sec. Max.
- (2) Auto soldering  
Device : Wave or dip type  
275 °C Max. 6 sec. Max.  
Preheat should be within 80-120 °C, 120 sec.
- (3) When soldering two or more terminals to the common land, use solder resist to solder them independently.

## 2. Flux Cleaning

- (1) Solvents : Fluorine or Alcohol type
- (2) Cleaning shall be made when terminal temperature falls to 90 °C or lower. Or, leave the switch at normal temperature for 5 minutes or longer, before cleaning.
- (3) Do not apply ultrasonic cleaning.

## ■ PACKAGING SPECIFICATION

