

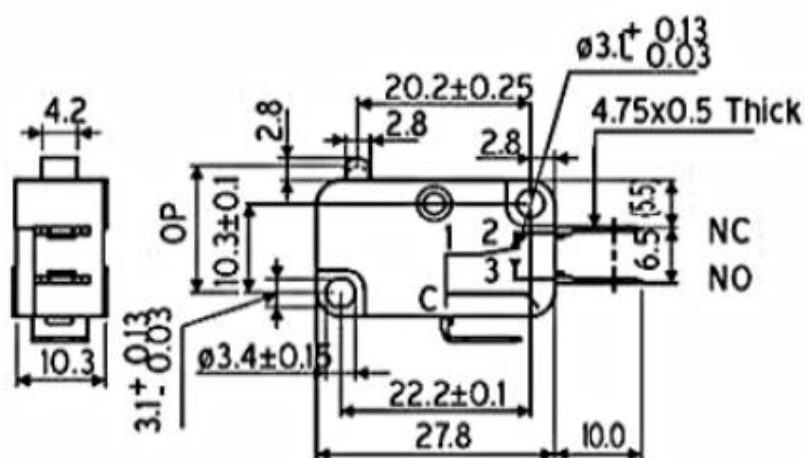
## Datasheet

**SPDT Button Microswitch, 0.1 A@ 110 V dc, 0.6 A@ 110 V dc, 16 A@ 250 V ac**

RS Stock 804-6234



Dimensions: (mm)



## ELECTRICAL RATING

| LOAD           | RATINGS (for micro switch with 400/200 gms. actuating force) |
|----------------|--|
| AC             | 16 Amp at 250V<br>5 Amp at 440V                              |
| DC (Resistive) | 0.6 Amp at 110V<br>0.3 Amp at 220V                           |
| DC (Inductive) | 0.1 Amp at 110V<br>0.05 Amp at 220V                          |

|                       |   |
|-----------------------|---|
| Voltage proof         | 1500 VAC between each terminal and<br>1000VAC between open contacts |
| Contact resistance    | 15 milliohms max. (initial)   |
| Insulation resistance | 100Mohms min. at 500VDC   |
| Electrical life       | 100,000 operations at rated load                                    |
| Mechanical life       | 10,000,000 operations   |

## ENVIRONMENTAL

|             |                |
|-------------|----------------|
| Temperature | -55°C to +85°C |
|-------------|----------------|

## APPLICATIONS :

Automotive, Machine control, Telecommunication equipments, Vending equipments, Security Products, Defence, Business automation machines, Instruments

- Note :** (i) For 100 gms. actuating force rated current is 10 A at 250V AC  
For 50 gms. actuating force rated current is 6 A at 250V AC  
(ii) Knob Colour : Black - 400 gms., Red - 200 gms., Green - 100 gms., Yellow - 50 gms.  
(iii) OF : Operating force      FP : Free position      OP : Operating position  
RF : Release force      MD : Movement differential  
OT : Over travel      PT : Pre travel
- |                         |                |
|-------------------------|----------------|
| Pretravel (PT)          | 1.2 mm. (max.) |
| Overtravel              | 1.0 mm.        |
| Movement differential   | 0.4 mm. (max.) |
| Operating position (OP) | 14.7±0.4 mm.   |

## CIRCUIT FORM

