

# Push Button Switch PPM Series

## FEATURES

1. A miniaturized push button switch.
2. The double sliding contact structure ensures high reliability.
3. Circuit 2P2T, 4P2T, 6P2T types are applied.

## SPECIFICATIONS

### Electrical

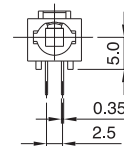
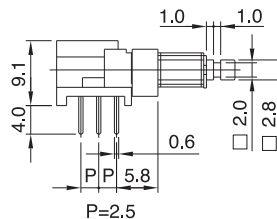
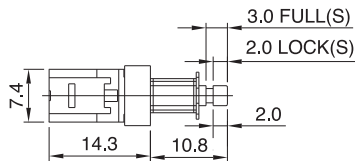
1. Rating: 0.1A, 30VDC.
2. Insulation resistance: 100MΩ Min. at 250VDC.
3. Withstand voltage: 250VAC for 1 minute.
4. Contact resistance: 30mΩ Max.

### Mechanical and environmental

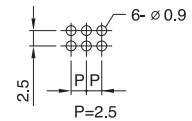
1. Soldering temperature: 245°C Max. for 3 seconds.
2. Mechanical life: 30,000 cycles.
3. Electrical life: 10,000 cycles.
4. Ambient temperature used: -20°C to +70°C
5. Ambient humidity used: 85% RH Max.
6. Operating force: 100 to 400gf.

## DIMENSIONS (Unit:mm)

### PPM-22



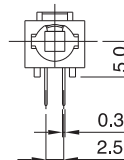
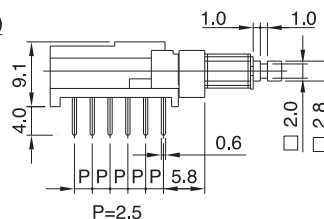
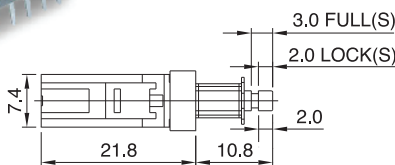
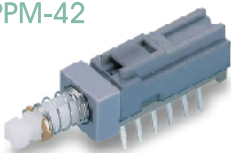
### P. C. B. LAYOUT



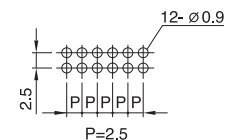
### CIRCUIT DIAGRAM



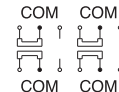
### PPM-42



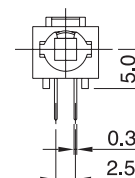
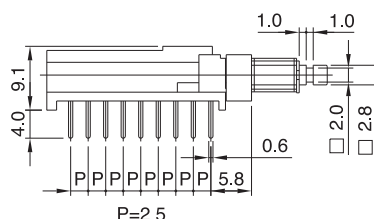
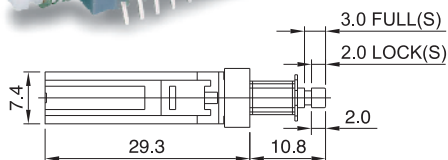
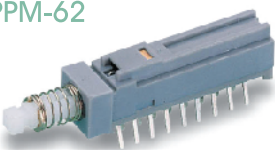
### P. C. B. LAYOUT



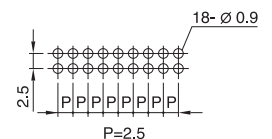
### CIRCUIT DIAGRAM



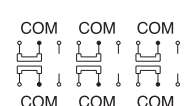
### PPM-62



### P. C. B. LAYOUT



### CIRCUIT DIAGRAM



## APPLICATIONS

Operating in all types of electronic equipment such as audio products, other miniature devices, TV sets, VCR, etc.

## PART NUMBERING SYSTEM

{1}	PPM	—	{2}		{3}		{4}		{5}		{6}	F
{1} Series: PPM: Push button switch												
{2} Circuit: 22: 2P2T, 42: 4P2T, 62: 6P2T												
{3} Switching action: N: Non-lock, L: Lock												
{4} Knob: A: 5x5x9(Concave), B: ∅6.05 x9.5, C: 5x5x9(Convex), I: ∅5 x9												
{5} Color of knob: 1: Black, 2: Gray												
{6} F: RoHS compliance												

## ACCESSORIES

Knob

A1



C2



I1

