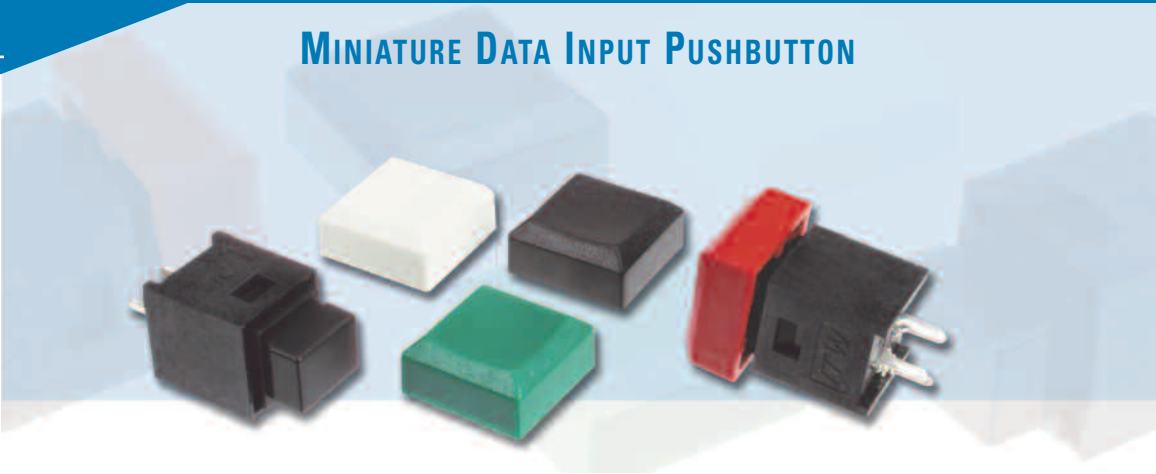# SERIES 60:



ACTUAL SIZE

## MINIATURE DATA INPUT PUSHBUTTON SWITCHES

This miniature low cost pushbutton switch is ideal for data input applications. This switch has good tactile feel and is available with several color choices for keycaps.

## KEY FEATURES:

- Momentary action
- PCB terminals
- Silver plated contacts

- Flow soldering compatible (consult factory)
- Circuitry: SPST-NO

## APPLICATIONS

- Telephony equipment
- Computer equipment
- Entertainment equipment
- Instrumentation
- Consumer electronics
- Automotive electronics

## ORDERING INFORMATION:

| Part Number | Description | Color |
|---|---|---|
| 60-1000 | Switch/rectangular button | — |
| 60-4001 | Button/square | Black |
| 60-4002 | Button/square | Red |
| 60-4003 | Button/square | Green |
| 60-4004 | Button/square | Light Grey |

## STANDARDS / AGENCY / RATINGS:

## BASE SWITCH (60-1000)

.39±.01 SQ.
9.9±0.25

.315±.003
8.00±0.08

.236±.003
6.00±0.08

.63±.01
16.0±0.25

.43±.01
11.0±0.25

.020±.005
0.50±0.13

.14±.02
3.5±0.51

.040±.005
1.00±0.13

ELECTRICAL RATING
20mA – 35 VDC

.250
6.35

.051 DIA. HOLE
1.30

.150
3.81

.050
1.27

.050
1.27

## BUTTON (60-400X)

.484 SQ.
[12.29]

.216
[5.49]

### MECHANICAL / ELECTRICAL CHARACTERISTICS:

**Action:**
Momentary SPST-NO

**Operating travel:**
.7mm (0.03 inches)

**Operating life:**
250,000 cycles

**Operating force:**
<1.2N / (120 grams)

**Bounce time:**
<2 milliseconds

**Insulation resistance:**
25,000 M$\Omega$ (Min)

**Contact resistance:**
25 m$\Omega$

**Operating temperature:**
-20°C to +70°C
(-4°F to +158°F)
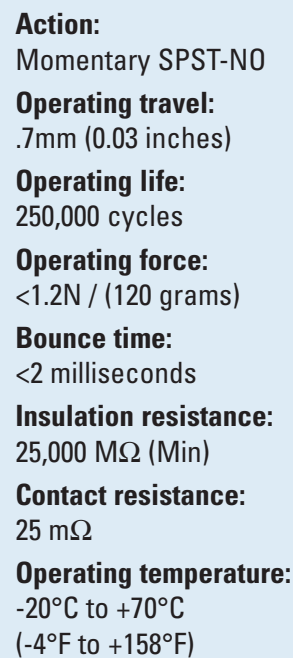
**Body material:**
black Noryl glass filled
SE1 GFN2

**Switch terminals mate with ITW Pancon Connector CSF-MH-0202**

**Button material:**
ABS black

**Contacts:**
brass silver plated

**Spring:**
bronze silver plated

**Electrical Ratings:**

| Series | Current | Voltage |
|--------|---------|---------|
| SPST-NO | 20mA | 35 VAC |

*Designs and specifications are subject to change without notice due to product improvement.*

## ITW Switches
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