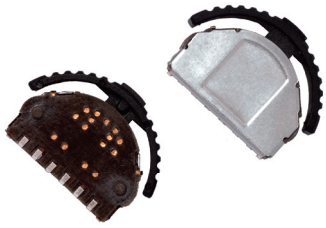
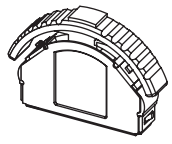
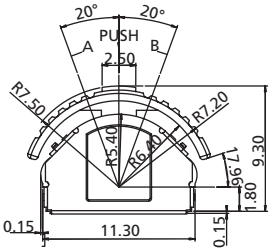
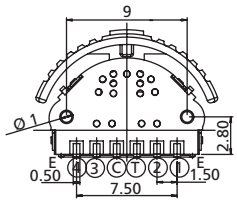
Push & Lever Multifunction Switches — MB2 Series

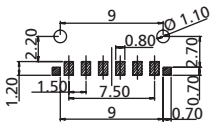




MB2NAN
Stanard Actuator,
without Ground Terminals

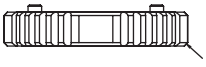




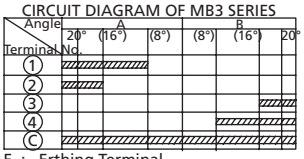


P.C.B. LAYOUT

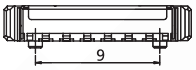
MB2NA with Standard Actuator

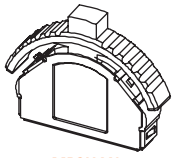


CIRCUIT DIAGRAM OF MB3 SERIES

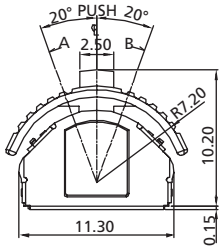


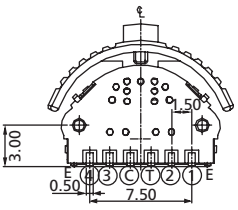
E : Erthing Terminal
ZZ : ON Position

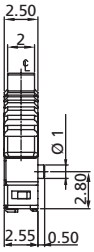


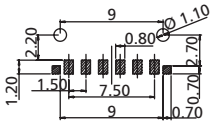


MB2HAN
High Actuator,
without Ground Terminals

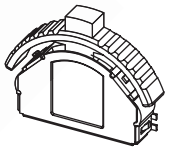




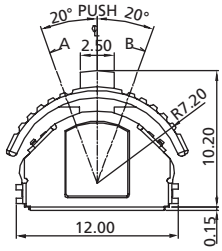


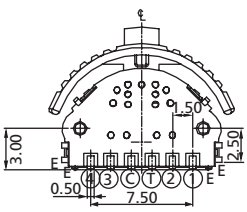


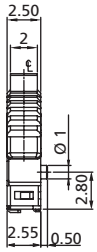
P.C.B. LAYOUT

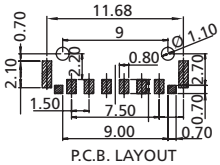


MB2HAG4
High Actuator,
with Ground Terminals









P.C.B. LAYOUT

MB2HA with High Actuator

How to order:

MB2 [1] [2] [3] [4]

1 ACTUATOR:
- NA Standard Actuator
- HA High Actuator

2 GROUND TERMINAL:
- N Without Ground Terminal
- G With Ground Terminal

3 NO. Of GROUND PINS (Only for MB2NAG & MB2HAG):
- 2 2 Ground Pins
- 4 4 Ground Pins

4 COLOR OF SWITCH:
- A Black
- H Gray

5 PACKAGE STYLE:
- TR Tape & Reel

General Tolerance: ± 0.2 mm

General Specifications:

FEATURES
» J Type SMT push & lever switches
» To provide both momentary operation by lever and center actuation

MATERIALS
» Contact: Phosphor bronze with silver cladding at con tact surface
» Terminal: Phosphor bronze with silver cladding at contact surface

MECHANICAL
» Mechanical Life: 100,000 operations cycles
» Operating Force:
(A) Force on return actuator: 40±20 gf
(B) Force on center push direction: 150±50 gf
» Operating Temperature: -10°C to +70°C
» Storage Temperature: -25°C to +85°C

ELECTRICAL
» Electrical Life: 100,000 cycles, 5VDC, 10mA
» Non-Switching Rating: 100mA, 50VDC
» Switching Rating: 10mA, 5VDC

SOLDERING PROCESSES
» Reflow Soldering: When applying reflow soldering, the peak temperature or the reflow oven should be set to 260°C max 10 seconds max..