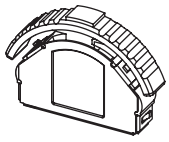
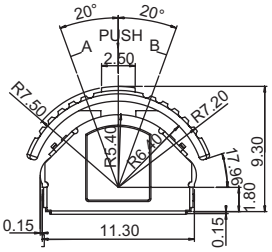
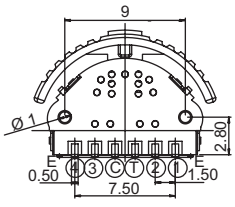
Multi-Direction Switches

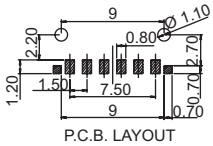
Push & Lever Switches — MB2 Series



MB2NAN
Stanard Actuator,
without Ground Terminals

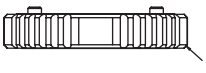






P.C.B. LAYOUT

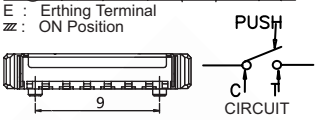
MB2NA Standard Actuator

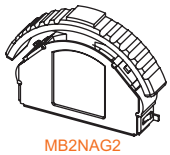


CIRCUIT DIAGRAM OF MB2 SERIES

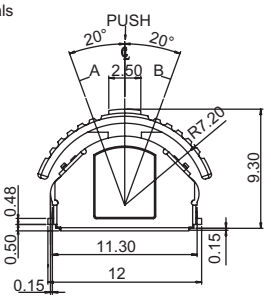
Angle / Terminal No	A 20° (16°)	A (8°)	B (8°)	B (16°)	B 20°
①					
②					
③					
④					
Ⓒ					

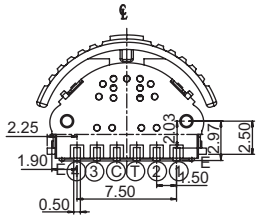
E : Erthing Terminal
zz : ON Position

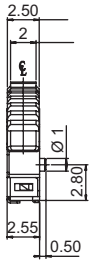


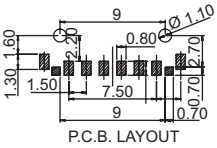


MB2NAG2
Stanard Actuator,
with Ground Terminals

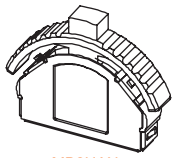




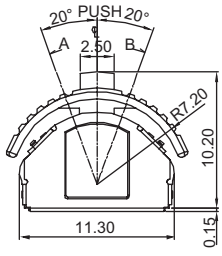


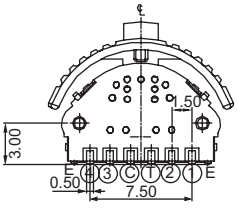


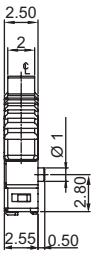
P.C.B. LAYOUT

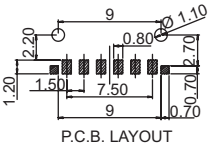


MB2HAN
High Actuator,
without Ground Terminals

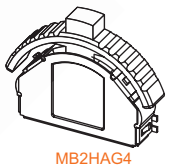




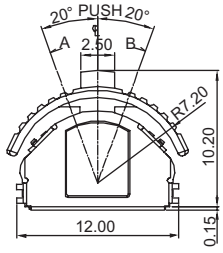


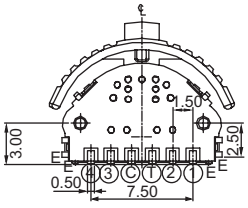


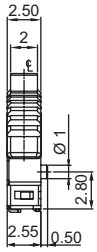
P.C.B. LAYOUT

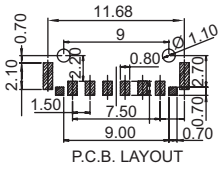


MB2HAG4
High Actuator,
with Ground Terminals









P.C.B. LAYOUT

MB2HA 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..

All specifications are restricted to QA test criteria.
DRW: D. L. JIN, CHK: D.F. LEE, APP: H.Z. QIU, DC: 2007-03-28. UPD: 2025-04-14.