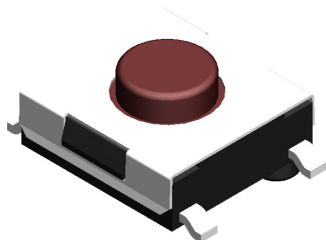


Tactile Switches

6mm × 6mm, Thinner Type

multicomp **PRO**

RoHS
Compliant



Features

- Thinner type with 2.5mm to 5.25mm height
- Ground terminal available
- Reflow solderable

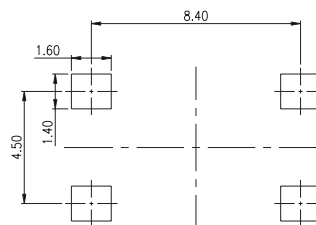
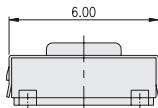
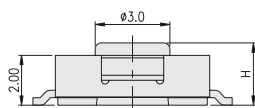
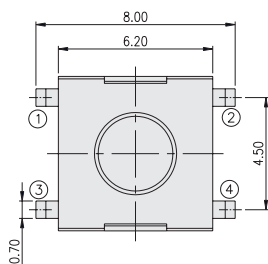
Application

- Audio, OA Equipment
- Instrumentation
- Consumer electronics

Specification

Contact Rating	: 50mA, 12V DC
Contact Resistance	: 100mΩ max.
Insulation Resistance	: 100MΩ min. 500V DC
Dielectric Strength.	: 250V AC / 1 minute
Operating Force	: 100 ±50gf, Black(K) 160 ±50gf, Brown(N) 260 ±50gf, Red(R)
Travel	: 0.25mm
Operating Life	: 100,000 cycles (260gf) 1,000,000 cycles (160gf / 100gf)
Operating Temp.	: -25°C to +70°C
Storage Temp.	: -30°C to +80°C

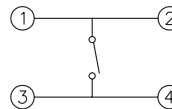
Diagram



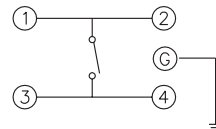
P.C.B. LAYOUT

Circuit

Without Ground Pin



With Ground Pin



Dimensions : Millimetres

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp **PRO**

Tactile Switches

6mm × 6mm, Thinner Type

multicomp PRO

Part Number Table

Description	Part Number
Tactile Switch, 4.5mm Pitch, 2.5mm Height, Black, 100gf	MPTSZML-61K-V
Tactile Switch, 4.5mm Pitch, 2.5mm Height, Brown, 160gf	MPTSZML-61N-V
Tactile Switch, 4.5mm Pitch, 2.5mm Height, Red, 260gf	MPTSZML-61R-V
Tactile Switch, 4.5mm Pitch, 3.1mm Height, Red, 260gf	MPTSZML-62R-V
Tactile Switch, 4.5mm Pitch, 3.5mm Height, Black, 100gf	MPTSZML-63K-V
Tactile Switch, 4.5mm Pitch, 3.5mm Height, Brown, 160gf	MPTSZML-63N-V
Tactile Switch, 4.5mm Pitch, 3.5mm Height, Red, 260gf	MPTSZML-63R-V

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

multicomp PRO