

NTC316 Series

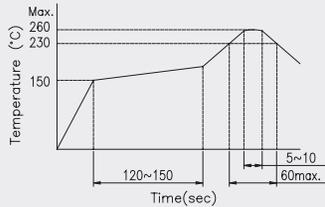
■ Features

- Compact size 4.7x4.5mm.
- Horizontal direction.



Rating (max)	DC12V 50mA
Contact Resistance	100mΩ max.
Insulation Resistance	DC500V-100MΩ min.
Withstand Voltage	AC250V - 1 minute

Recommended Reflow Soldering Profile



Number of Reflow Pass : 2 cycles

Recommended Manual Soldering Profile

	Temperature	Time
Manual Soldering Temperature	350 °C (max.)	3 Sec.(max.)

The solder iron and solder shall be applied at a distance of 1.91 mm to 2.54 mm from the plastic housing.

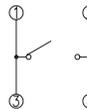
Operating Force & Durability

160 ± 50gf	200,000 cycles
220 ± 50gf	100,000 cycles

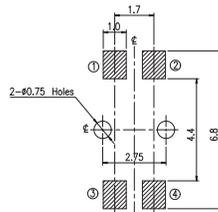
■ SMT- G Type Horizontal 4.7L x 4.5W x 1.65H [Without Ground Terminal]

Product No.	Stroke	Boss	Package
NTC316-AC1G-A160T	0.25 ± 0.1mm	With	3,300 Pcs/Reel
NTC316-AC1G-A220T	0.3 ^{+0.1} _{-0.2} mm	With	
NTC316-AD1G-A160T	0.25 ± 0.1mm	Without	
NTC316-AD1G-A220T	0.3 ^{+0.1} _{-0.2} mm	Without	

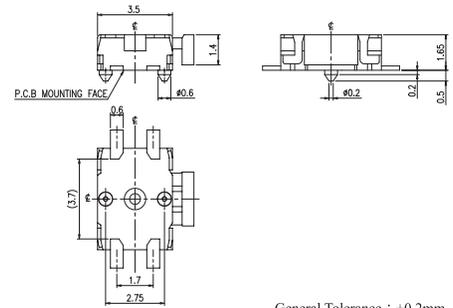
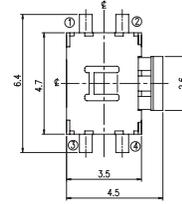
Schematic



P.C.B Layout



■ Outline Drawing

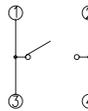


General Tolerance : ±0.2mm.

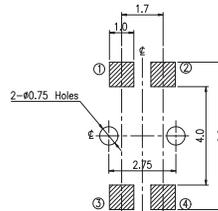
■ SMT- J Type Horizontal 4.7L x 4.5W x 1.65H [Without Ground Terminal]

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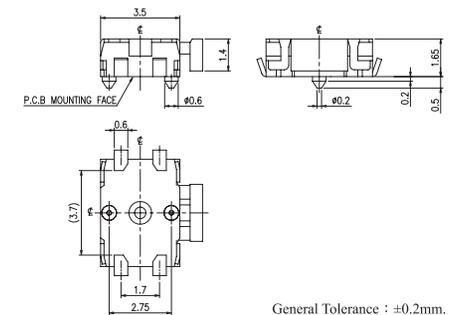
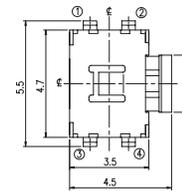
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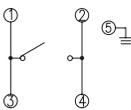


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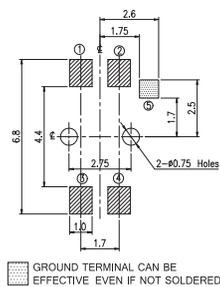
■ SMT- G Type Horizontal 4.7L x 4.5W x 1.65H [With Ground Terminal]

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NTC316-DD1G-A220T	0.3 ^{+0.1} _{-0.2} mm	Without	

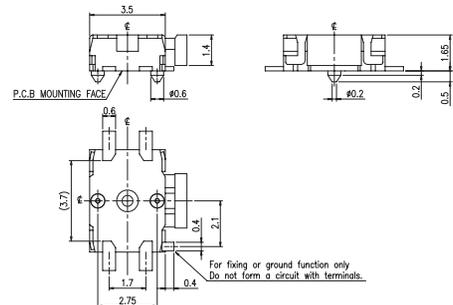
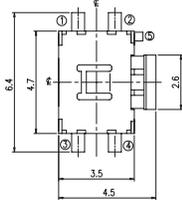
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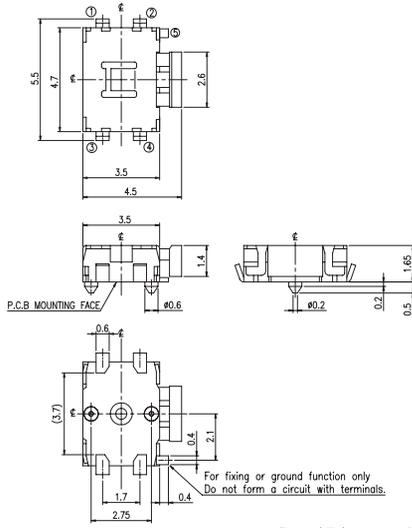


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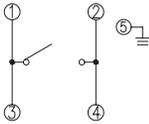
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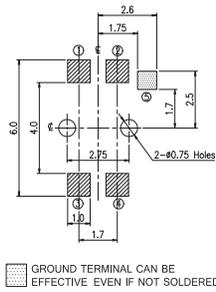
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