

Water Proof Microswitch Snap Action

multicomp PRO

**RoHS
Compliant**



Specifications

Initial Contact Resistance	: Max. 100mΩ*
Initial Dielectric Strength	: 1000V AC (50~60Hz)/minute between contacts. 1500V AC (50~60Hz)/minute between Live parts and dead metal parts
Insulation Resistance	: Min. 100MΩ (500V DC/minute) between Live-parts and dead metal parts
Circuit Arrangement	: SPDT (Single Pole Double Throw)
Rating	: 5A 125/250V AC; 6A 250V AC
Service Life	: Min. 10,000 Operations
Rating Load	: Resistive Load
Operation Frequency	: 10~30 operations per minute
International Protection Code	: IP67
Mechanical Service Life	: Min. 2000000 operations
Operating Frequency	: Max. 120 operations per minute

Note:

*Measured by ohm meter Open Voltage<1VDC, Driver current -100mA) Before measure the switch contact resistance, press the switch three times for on and off.

Environments

Operating Temperature	: 0°C to +70°C (T70 for switches pre-mounted with PVC cables)
Storage Temperature	: -25°C to +85°C (with no icing)
Storage Humidity	: +40°C, Max. 85% RH
Vibration Resistance	: 10~55Hz, displacement 0.75mm (p-p)
Shock Resistance	: Destruction: 1000m/s ² (approx. 100G) Max. Malfunction: 300m/s ² (approx. 30G) Max.
Soldering by Hand	: 350°C maximum within 5 seconds
Soldering Bath	: 260°C maximum within 5 seconds

Operation Characteristics

Operating Force (OF)	: 82gf Max.
Releasing Force (RF)	: 16gf Min.
Free Position (FP)	: 12mm Max.
Operating Position (OP)	: 8.8mm ±1.1mm
Movement Differential (MD)	: 0.6mm Max.
Over-Travel (OT)	: 0.9mm Min.
Pre-Travel (PT)	: 4.3mm Max.

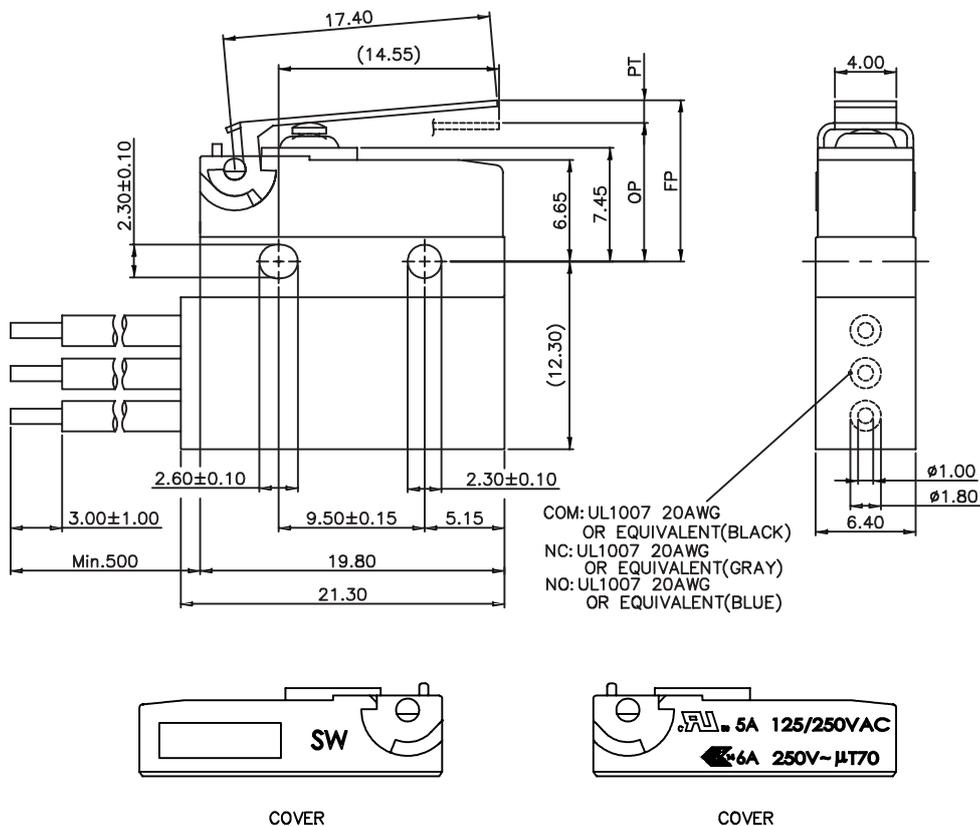
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Diagram



Part Number Table

Description	Part Number
Microswitch, Snap Action, Roller Lever, Wire Leaded, 5A	26-19020

Dimensions : Millimetres

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