

Snap Action Microswitch **multicomp**^{PRO}

**RoHS
Compliant**

Specifications

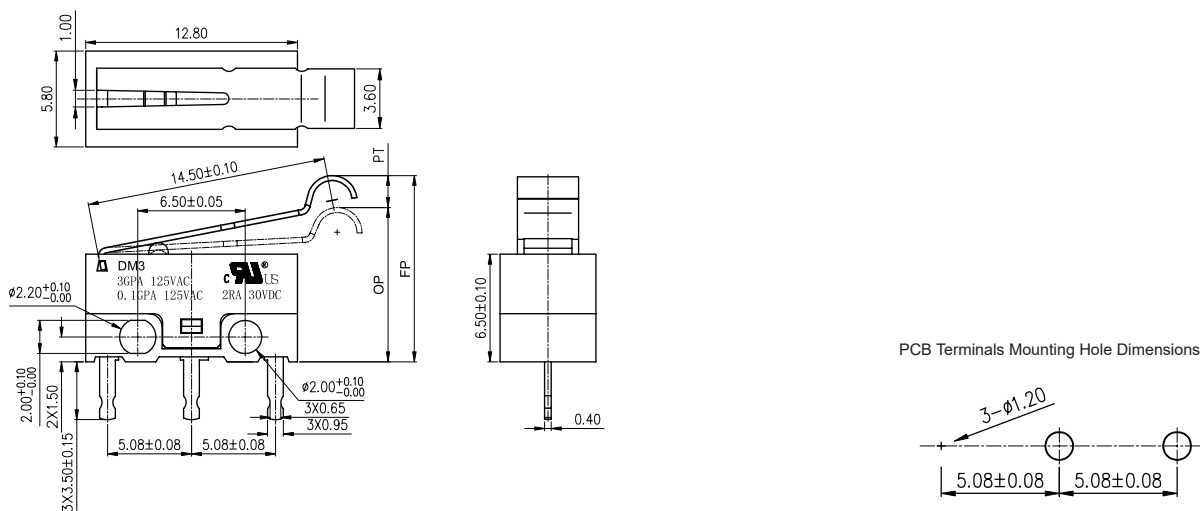
Operating Force	: 45 ±30 gf
Release Force	: 5 gf Min.
Free Position	: 12.5mm Max.
Operating Position	: 10.5 ±1.2mm
Movement Differential	: 1.3mm Max.
Over Travel	: 0.6mm Min.
Pre Travel	: 3.4mm Max.

Characteristics

Operating speed	: 1 to 500 mm/sec (at pin plunger)
Operating frequency	: Mechanically: 120 operations/min Electrically: 30 operations/min
Contact resistance	: Standard types: 100 mΩ (Initial) Micro voltage/current load types: 100 mΩ (Initial)
Insulation resistance	: 100 MΩ min. (at 500V DC)
Dielectric strength	: 600V AC, 50/60 Hz for 1 minute between non-continuous terminals 1,000V AC, 50/60 Hz for 1 minute between non-current carrying part and terminals and between current carrying part and ground
Vibration	: Vibration frequency range: 10-55 Hz Total amplitude: 1,5mm
Shock	: Acceleration: 295 m/s ² (30G)
Ambient temperature	: Operating: -40C to +85°C
Humidity	: 85% RH max
Service Life	: Mechanically :200,000 operations min. (at rated OT value) Electrically : 30,000 operations min.
Weight	: Approx: 0.7g

Note: Tolerances Unless Otherwise Specified : ± . 0 12 (mm).
0.3

Diagram



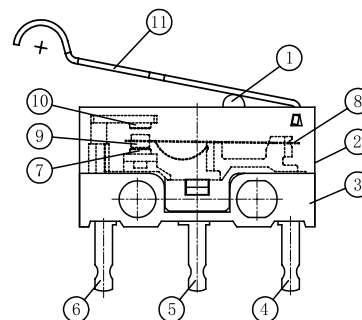
Dimensions : Millimetres

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Item	Part Name	Material	Qt'y	Finish
1	Plunger	PBT	1	White
2	Cover	PBT	1	Black
3	Base	PBT	1	White
4	Com Terminal	C2680R t=0.4	1	Ag Plated
5	No Terminal	C2680R t=0.4	1	Ag Plated
6	Nc Terminall	C2680R t=0.4	1	Ag Plated
7	No Contact	Ag alloy	1	
8	Spring Plate	C1720-HMB	1	
9	Contact	Ag alloy	1	
10	Nc Contact	Ag alloy	1	
11	Lever	SUS	1	



Part Number Table

Description	Part Number
Microswitch, Snap Action, Hook Lever, SPDT	DM3-1501EZ

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