

Snap Action Microswitch **multicomp**PRO



Specifications

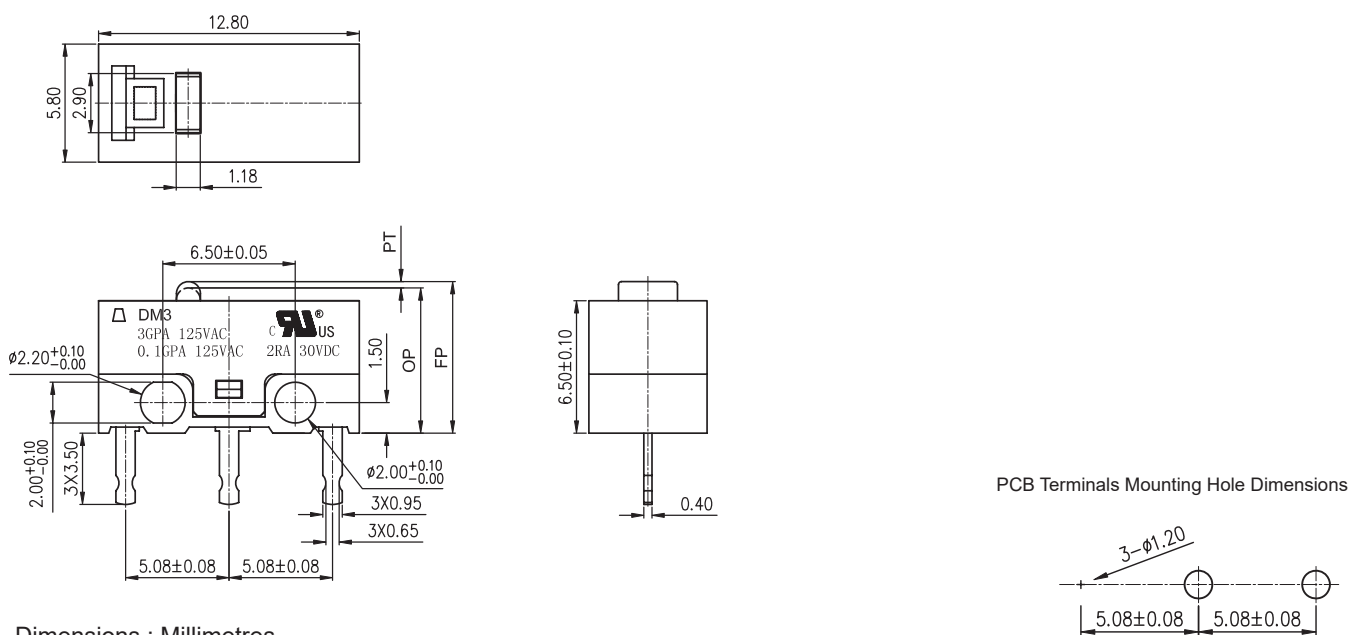
Operating Force	: 250 gf Max
Release Force	: 50 gf Min.
Free Position	: 7.8mm Max
Operating Position	: 7 ± 0.3 mm
Pre Travel	: 1mm Max.
Overtravel	: 0.2mm Min

**RoHS
Compliant**

Characteristics

Operating speed	: 1 to 500mm/sec (at pin plunger)
Operating frequency	: Mechanically: 120 operations/min Electrically: 30 operations/min
Contact resistance	: Standard types: 100 m Ω (Initial) Micro voltage/current load types: 100m Ω (Initial)
Insulation resistance	: 100M Ω 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: 295m/s ² (30G)
Ambient temperature	: Operating: -25°C to +85°C
Humidity	: 85% RH max
Service Life	: Mechanically :200,000 operations min. (at rated OT value)
Weight	: Approx: 0.7g

Diagram



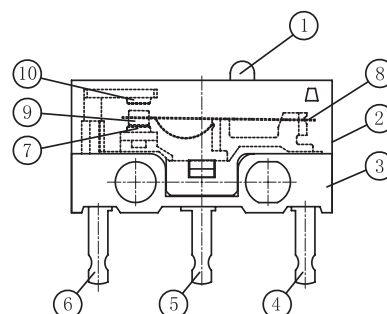
Dimensions : Millimetres

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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	



Part Number Table

Description	Part Number
Microswitch, Snap Action, Pin Plunger, SPDT	DM3-1501AZ

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