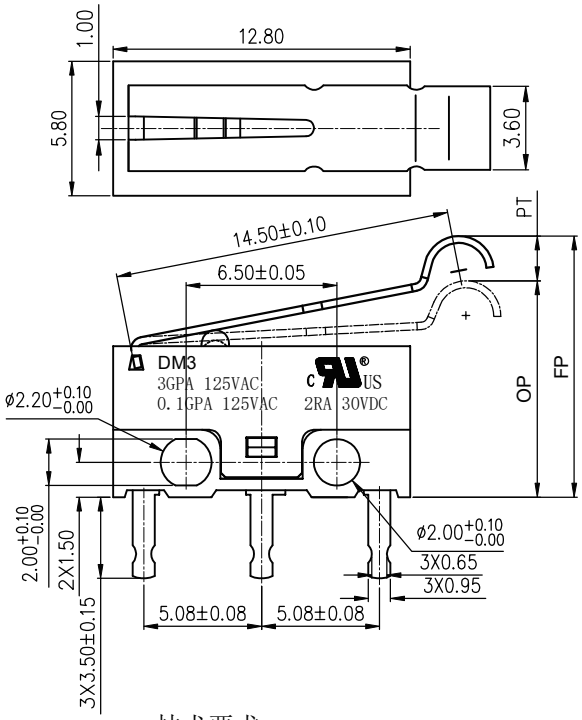
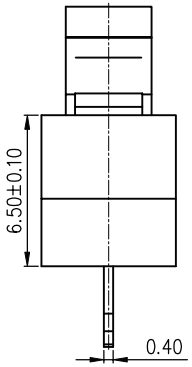
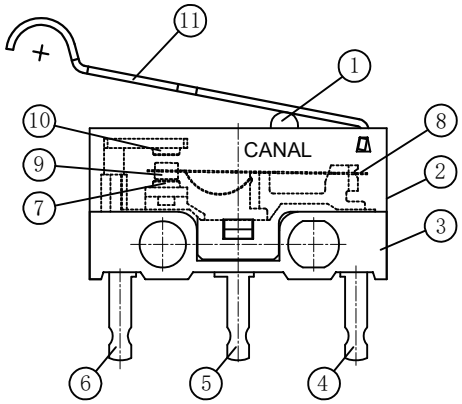
佳尼有限公司 CANAL COMPONENTS INC







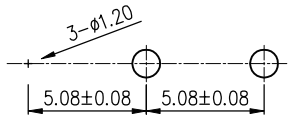
ITEM	PART NAME	MATERIAL	Qt'y	FINISH
1	Plunger	PBT	1	White
2	Cover	PBT	1	Black
3	Base	PBT	1	White
4	Com Terminal	C2680R t=0.4	1	Ag Plated
5	No Terminal	C2680R t=0.4	1	Ag Plated
6	Nc Terminal	C2680R t=0.4	1	Ag Plated
7	No Contact	Ag alloy	1	
8	Spring Plate	C1720-HMB	1	
9	Contact	Ag alloy	1	
10	Nc Contact	Ag alloy	1	
11	Lever	SUS	1	

技术要求：

1、未注尺寸公差为±0.10mm。

2、未注角度公差为±1.00°。

PCB Terminals Mounting Hole Dimensions



CHARACTERISTICS	ELECTRICAL DATA
OPERATING FORCE - - - - - - - - - - - 45±30 gf RELEASE FORCE - - - - - - - - - - - 5gf MIN FREE POSITION - - - - - - - - - - - 12.5mm MAX OPERATING POSITION - - - - - - - - - 10.50±1.20mm Movement Differential - - - - - 1.3mm Max Over travel - - - - - - - - - - 0.6mm Min PRE TRAVEL - - - - - - - - - - 3.40mm MAX	CONTACT ARRANGEMENT S P D T DM3 3GPA 125VAC c UL us 0.1GPA 125VAC 2RA 30VDC 05 CQC CANAL 3A 125/250VAC 2A 30VDC 0.1A 125/250VAC 40T85 μ 3E4

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 500 VDC)
Dielectric strength	600 VAC , 50 / 60 Hz for 1 minute between non-continuous terminals 1,000 VAC, 50 / 60 Hz for 1 minute between non-current carrying part and terminals and between current carrying part and groud
Vibration	Vibration frequency range : 10~55 Hz Total amplitude : 1.5mm
Shock	Acceleration : 295 m / s² (30 G)
Ambient temperature	Operating : - 40 ℃ to + 85 ℃
Humidity	85% RH max
Service life	Mechanically : 200,000 operations min. (at rated OT value) Electrically : 30,000 operations min
Weight	Approx : 0.70 g

NOTE: TOLERANCES UNLESS OTHERWISE SPECIFIED : ± .012 (mm). 0.3

REVISION	DESCRIPION	REVISED BY
4		
3		
2		
1 2026.01.14	首次出圖	Eric T

TOLEANCES .X .XX ANGLE ½°				UNIT mm	PART NAME	SPEC DRAWING	DWG NO
DRAWN BY	Eric T	DESIGNED BY	王豐文	SCALE			WS5914A
CHECKED BY	Jimmy	APPROVED BY		DATE	2026.01.14	PART NO	DM3-1501EZ