



Specifications

Rating	: 0.1A, DC 30V Max/100mA, DC 1.5V Min.
Contact Resistance	: 50mΩ Max.
Insulation Resistance	: 100MΩ Min.
Electrical Life	: 50,000 cycles
Actuation Force	: 250 ± 100g

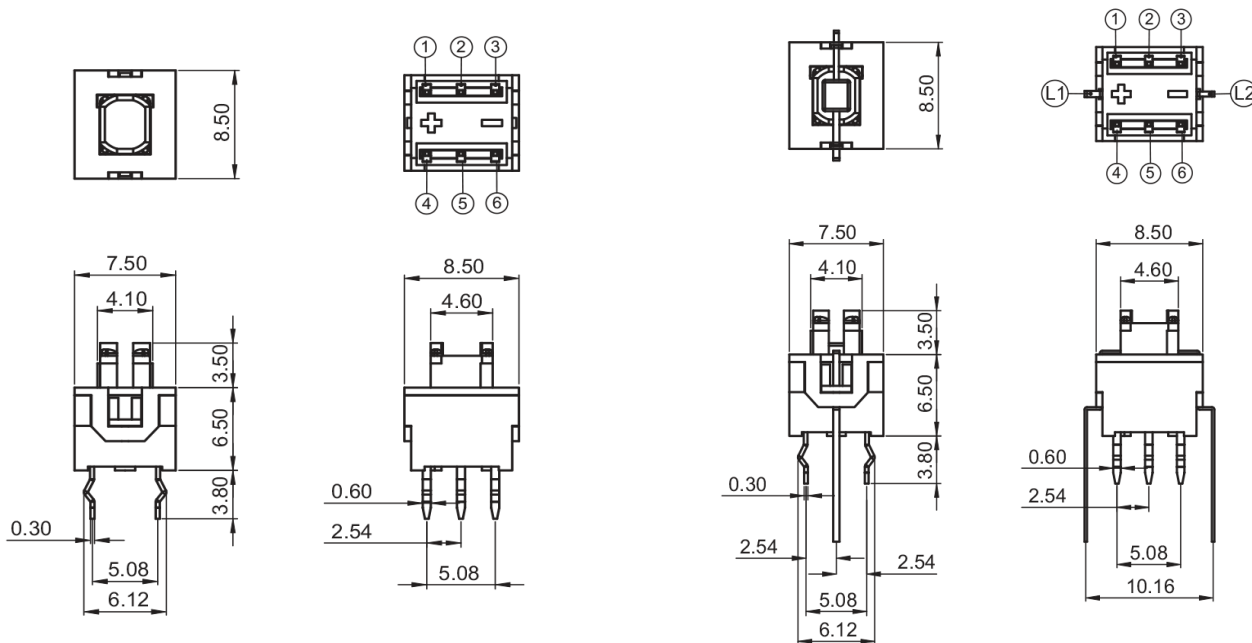
Travel

Full Travel	: 1.5mm ±0.4mm
Contact Travel	: 1mm ±0.4mm
Operating Temperature Range	: -20°C to 70°C

Materials

Case	: LCP, Black
Housing	: Glass filled Nylon 6/6, Black
Actuator	: Glass filled Nylon 6/6, Gray
Contact	: Copper Alloy, Silver Plated
Terminals	: LCP, Black & Copper Alloy, Silver Plated

Diagram



MCPSD70

MCPSD7X

Lens Appearance	Colour (X)	Electro-optical Data (at 20mA)				Peak wavelength	Viewing Angle 2θ 1/2 (deg)
		Vf (V)		Iv (mcd)			
		Typ.	Max.	Min.	Typ.		
Water Clear	Red	1.95	2.5	80	200	630	140°
	Yellow	2	2.5	300	400	590	140°
	Green	3.3	4.1	400	500	525	140°
	Blue	3.3	4	80	190	470	140°

Part Number Table

Description	Colour (LED)	Part Number
Switch, P/Button, On-Mom	Without LED	MCPSD70
Switch, P/Button, On-Mom	Red	MCPSD73
Switch, P/Button, On-Mom	Yellow	MCPSD75
Switch, P/Button, On-Mom	Green	MCPSD76
Switch, P/Button, On-Mom	Blue	MCPSD77
Cap, Transparent For MCPSD Series	-	MCYCA046A

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.