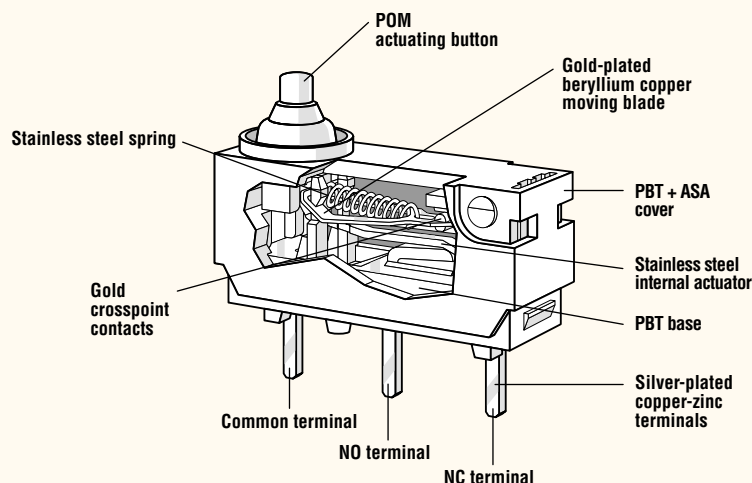


SUBMINIATURE — SEALED

DK Series

Features

- Enclosed switch complying with IP 6K5. IP 6K7 available on request
- Very small dimensions, 0.579" x 0.213" x 0.268" (14.7mm x 5.4mm x 6.8mm)
- Models available for operating temperatures up to 105°C
- Rated for 5mA@12VDC or 2A@12VDC
- Can be actuated vertically or by auxiliary actuator
- Gold crosspoint contacts for high contact stability
- Mechanical life: min. 500,000 operations
- Wide variety of connection options, also available with leads



Specifications

Electrical

Temperature Rating:	-40°C to +85°C
Flammability Rating:	N/A

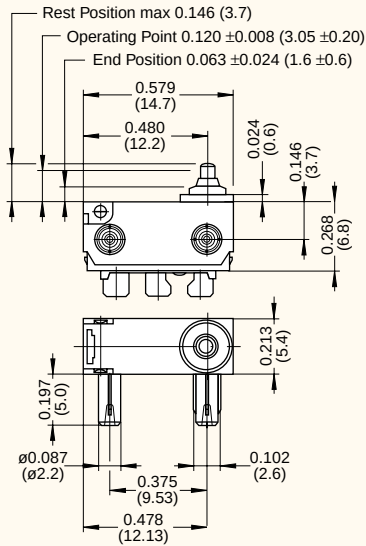
Materials

Base:	PBT
Cover:	PBT + ASA
Actuator:	POM (+85°C)
Auxiliary Actuator:	Stainless Steel
Internal Actuator:	Stainless Steel
Spring:	Stainless Steel
Moving Blade:	Gold-Plated Beryllium Copper
Terminals:	Silver-Plated Copper-Zinc
Contacts:	Gold Crosspoint
Gasket:	Silicon

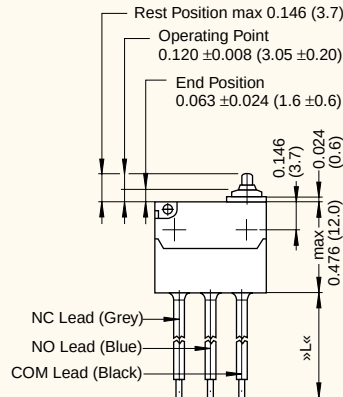
ASA = Acrylonitrile-styrene-acrylicester • PBT = Polybutyleneterephthalate • POM = Polyacetal



Dimensions inches (mm)

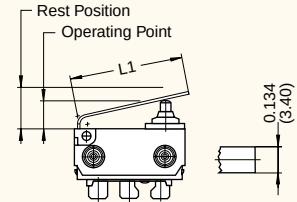


DK Sub-miniature Switch with Leads (IP6K7 Compliant)

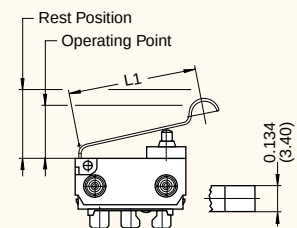


Auxiliary Actuators inches (mm)

Straight

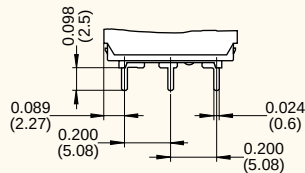


Simulated Roller

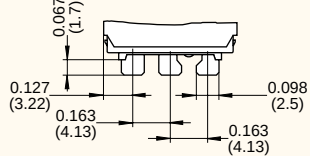


Terminal Options inches (mm)

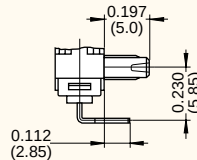
PCB Terminals — Straight 0.024 x 0.020 (0.6 x 0.5)



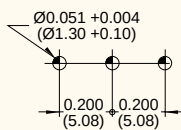
Solder Terminals 0.098 x 0.020 (2.5 x 0.5)



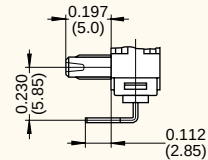
PCB Terminals RH Side with Location Pins 0.024 x 0.020 (0.6 x 0.5)



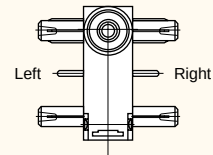
Drilling Patterns for PCB Terminals (Side and Underside) 0.024 x 0.020 (0.6 x 0.5)



PCB Terminals LH Side with Location Pins 0.024 x 0.020 (0.6 x 0.5)



Top-down View of Lateral Terminals



Ordering Information

DK	1	G	TR
Series/Prefix			
Code	Current Rating		
1	0.005A@12VDC or 2A@12VDC		
Code	Contact Configuration		
G	SPDT		
E	SPST NO		
F	SPST NC		
Code	Terminal Type	inches (mm)	
RN	0.098 x 0.020 (2.5 x 0.5) Solder, Straight w/o Pins		
RR	0.098 x 0.020 (2.5 x 0.5) Solder, Straight with RH Pins		
RL	0.098 x 0.020 (2.5 x 0.5) Solder, Straight with LH Pins		
SN	0.024 x 0.020 (0.6 x 0.5) PCB, Straight w/o Pins		
SR	0.024 x 0.020 (0.6 x 0.5) PCB, Straight with RH Pins		
SL	0.024 x 0.020 (0.6 x 0.5) PCB, Straight with LH Pins		
TR	0.024 x 0.020 (0.6 x 0.5) PCB, RH Side with RH Pins		
UL	0.024 x 0.020 (0.6 x 0.5) PCB, LH Side with LH Pins		
W3	9.843 (250) Leads 0.014 ² (0.35 ²) to Underside w/o Pins		
W9	9.843 (250) Leads 0.014 ² (0.35 ²) to Underside with RH Pins		
W6	9.843 (250) Leads 0.014 ² (0.35 ²) to Underside with LH Pins		
Z3	19.685 (500) Leads 0.014 ² (0.35 ²) to Underside w/o Pins		
Z9	19.685 (500) Leads 0.014 ² (0.35 ²) to Underside with RH Pins		
Z6	19.685 (500) Leads 0.014 ² (0.35 ²) to Underside with LH Pins		

A0	Code	Actuator Type
A0		Without Auxiliary Actuator
D1		Straight Spring-Loaded Auxiliary Actuator
E1		Simulated Roller, Spring-Loaded