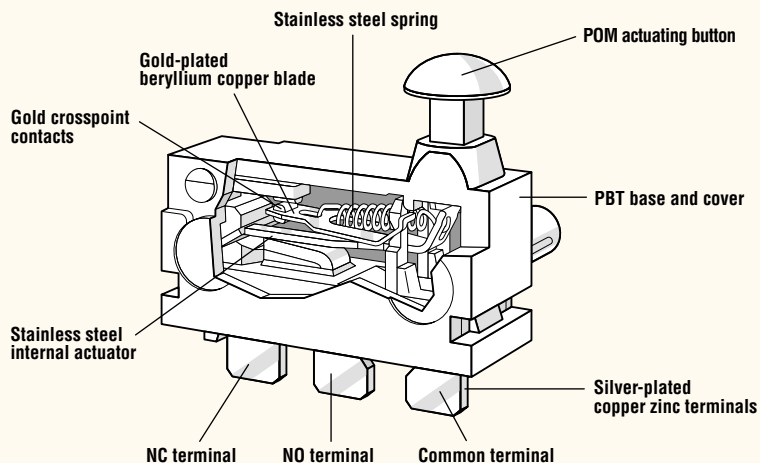


SUBMINIATURE

DR Series

Features

- Switch with mushroom or pan-head actuator for a wide variety of control applications
- Protection against dust complying with IP40
- Models available for operating temperatures up to 105°C
- Rated for 5mA@12VDC or 2A@12VDC
- Auxiliary actuator on request
- High contact stability thanks to gold alloy crosspoint contacts
- Mechanical life: min. 1 x 10⁶ operations
- Various options available for connecting



Specifications

Electrical

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

Materials

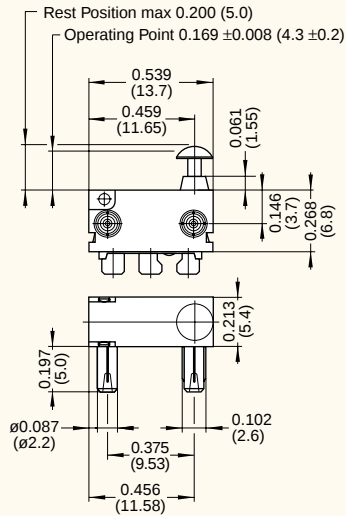
Housing:	PBT
Actuator:	POM (+85°C)
Auxiliary Actuator:	Stainless Steel
Internal Actuator:	Stainless Steel
Spring:	Stainless Steel
Terminals:	Silver-Plated Copper-Zinc
Contacts:	Gold Crosspoint
Moving Blade:	Gold-Plated Beryllium Copper

PBT = Polybutyleneterephthalate • POM = Polyacetal

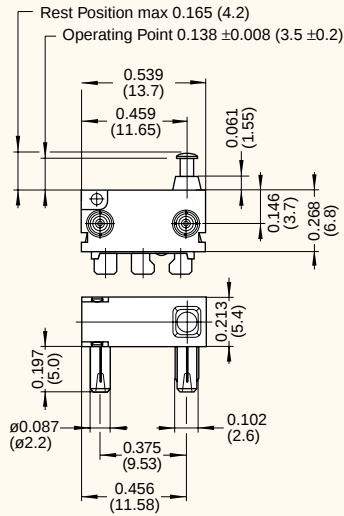


Dimensions inches (mm)

Mushroom Actuator



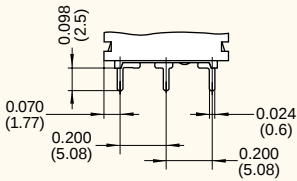
Pan-head Actuator



Terminal Options inches (mm)

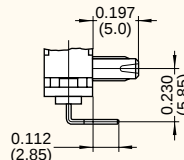
PCB Terminals — Straight

0.024 x 0.020 (0.6 x 0.5)



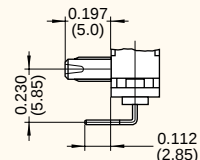
PCB Terminals RH Side with Location Pins

0.024 x 0.020 (0.6 x 0.5)



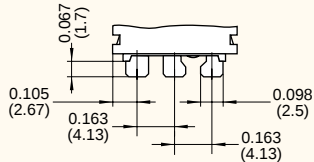
PCB Terminals LH Side with Location Pins

0.024 x 0.020 (0.6 x 0.5)



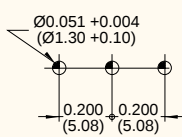
Solder Terminals

0.098 x 0.020 (2.5 x 0.5)

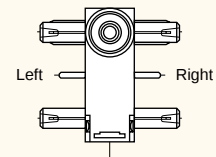


Drilling Patterns for PCB Terminals

(Side and Underside)
0.024 x 0.020 (0.6 x 0.5)



Top-down View of Lateral Terminals



Ordering Information

DR	1	P	BR	AO
Series/Prefix		Code Actuator Shape		Code Actuator Type
		P Mushroom		AO without Auxiliary Actuator
		R Pan-head		
	Code Current Rating			
	1 0.005A@12VDC or 2A@12VDC			
		Code Terminal Type inches (mm)		
		AN 0.098 x 0.020 (2.5 x 0.5) Solder w/o Pins		
		AL 0.098 x 0.020 (2.5 x 0.5) Solder with LH Pins		
		AR 0.098 x 0.020 (2.5 x 0.5) Solder with RH Pins		
		BN 0.024 x 0.020 (0.6 x 0.5) PCB, Straight w/o Pins		
		BL 0.024 x 0.020 (0.6 x 0.5) PCB, Straight with LH Pins		
		BR 0.024 x 0.020 (0.6 x 0.5) PCB, Straight with RH Pins		
		CR 0.024 x 0.020 (0.6 x 0.5) PCB, RH Side with RH Pins		
		DL 0.024 x 0.020 (0.6 x 0.5) PCB, LH Side with LH Pins		