

MVS-32/33/34 Series

Miniature Basic Switch

◆ Features

- ✓ Standard transparent miniature, and durable, switch for mass application
- ✓ Positive Opening contacts
- ✓ #250 Quick connect, M3 Screw, and Solder terminals
- ✓ Tin-plated brass terminals for better oxidation resistance

◆ Recognition(s)

- ✓ CE – EN60947
- ✓ CSA – 6241 90
- ✓ RoHS Compliant
- ✓ Reach Unaffected



◆ Characteristics

Positive Opening	Electrical Contact	Terminal Type	Contact Form(s)	Poles & Throws	Actuation Sequence(s)
Yes	3 Points	Screw (M3), or Quick Connect (#250), or solder	Form C	SPDT Snap	Break(1) Make(2)

Operating Temp.	AC Rated	DC Rated	IP	Oil Resist	Dust Resist	Water Resist	Operating Speed
-40 to 85 Celsius	6A 125V-250V	0.5A 125V	40	No	No	No	0.01mm to 1m/sec

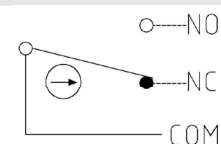
Operation Frequency	Contact Resistance	Insulation Resistance	Vibration
Mechanically: 60/min Electrically: 30/min	30mΩ max. (initial)	100MΩ min. (500VDC)	1.5mm amplitude at 10-55Hz

Storage Humidity	Service Life (min.)	Dielectric Strength
85% RH max	Mechanically: 10,000,000 operations Electrically: 500,000 operations	1000VAC, 50/60Hz for 1 minute between non-continuous terminals

Recommended tightening forces

Purpose	Screw type	Tightening
Mounting	M3	0.39~0.59 N·m
Screw terminals	M3	0.25±0.05 N·m

Circuitry



◆ Materials

Actuation touch part	Electrical contact point	Enclosure
Stainless Steel SUS304 (levers), or Nylon+glass fiber (plungers), or POM (rollers)	Silver-Nickel Alloy <u>Custom:</u> Gold-plated Silver-Nickel Alloy	PC Plastic

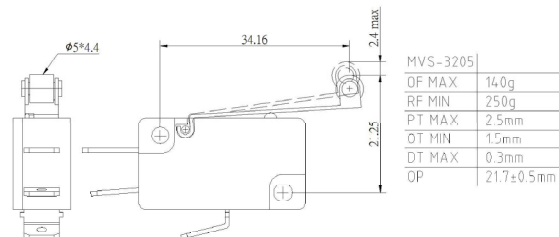
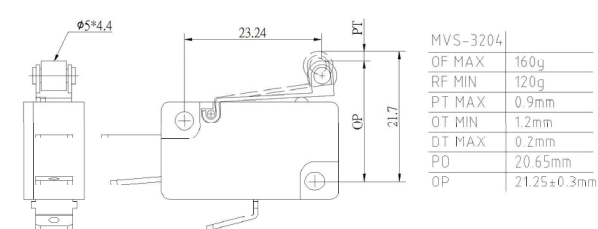
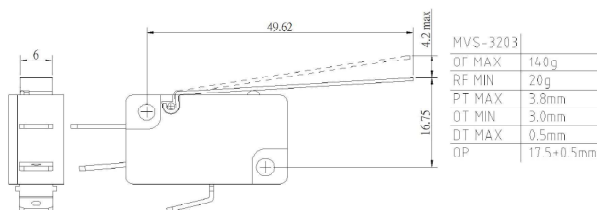
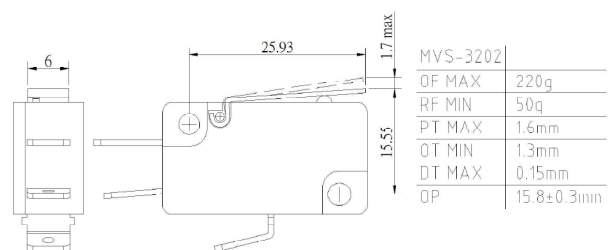
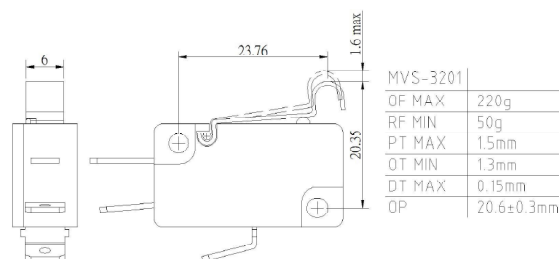
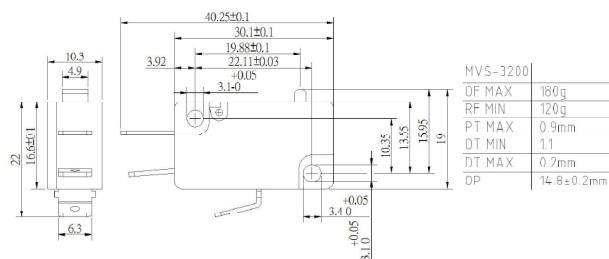
◆ Nomenclature

Series:	Terminal Type:	Actuator:
MVS –	32	00
	32=#250 Quick Connect 33=M3 Screw 34=Solder	<u>Touch part, Plastic</u> 00=Nylon pin plunger 04=POM roller lever 05=POM roller lever, long <u>Touch part, Stainless Steel</u> 01=SUS304 simulated roller lever 02=SUS304 lever 03=SUS304 lever long

◆ Dimensions & Operating Characteristics

*Terminal types do not affect actuator operating characteristics

*Measurements in *millimeters*



MVS-3200



MVS-3201



MVS-3202



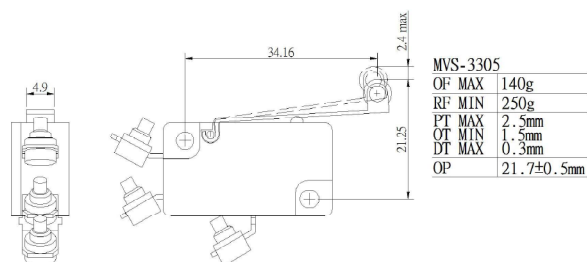
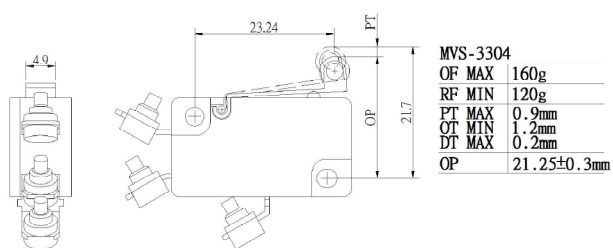
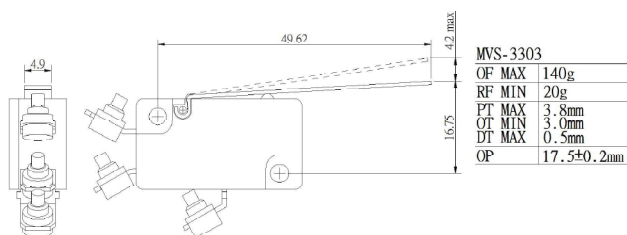
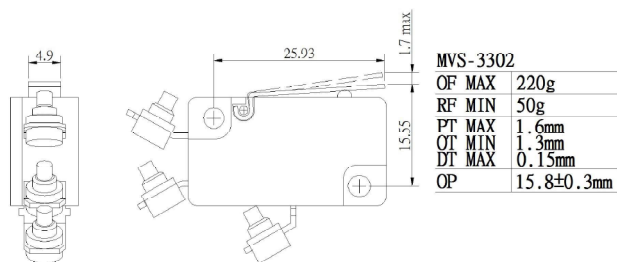
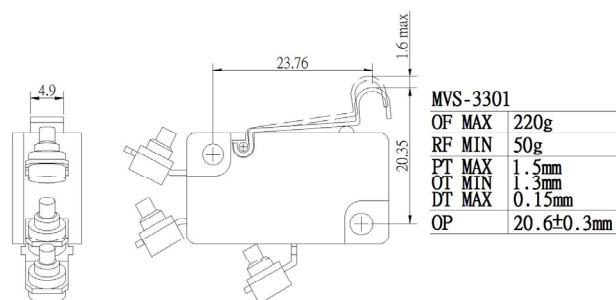
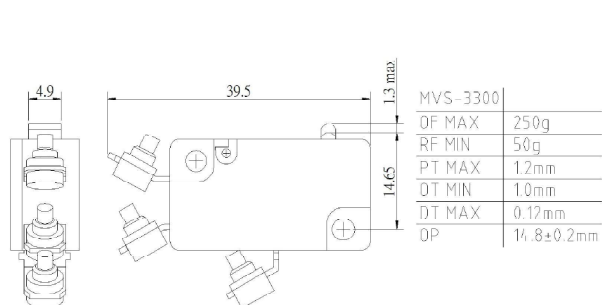
MVS-3203



MVS-3204



MVS-3205



MVS-3300



MVS-3301



MVS-3302



MVS-3303



MVS-3304



MVS-3305