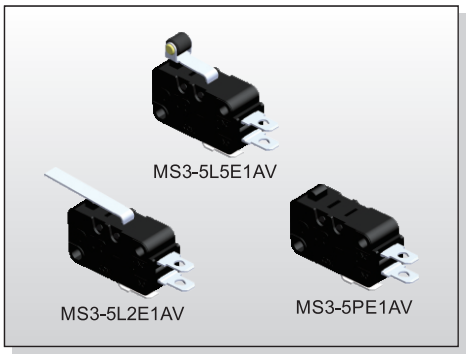


FEATURES

※27.8x10.3x15.9mm
※Solder terminal & quick-connect terminal

APPLICATION

※Notebook
※Audio equipment
※White goods

SPECIFICATION

Contact Rating	5A at 125/250VAC
Mechanical Durability	5,000,000 cycles MIN.
Electrical Durability	100,000 cycles MIN.
Contact Resistance	100mΩ MAX.
Insulation Resistance	100MΩ MIN. (at 500VDC)
Dielectric Strength	Between terminals of the same polarity: 600VAC(50Hz or 60Hz) shall be applied across terminals for 1 minute
	Between each terminal and ground: 1500VAC(50Hz or 60Hz) shall be applied across terminals for 1 minute
	Between each terminal and non-current-carrying metal parts 1500VAC(50Hz or 60Hz) shall be applied across terminals for 1 minute
Operating Temp.	-40°C ~ +85°C

HOW TO ORDER

M S 3 - □ □ □ □ □ □

Rating:
5=125VAC 5A
250VAC 5A

Actuator:
P=Pin Plunger
L2=Hinge Lever
L5=Short Roller Lever

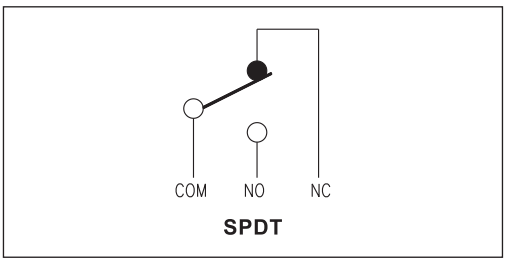
Force:
E=50gf (0.49N) MAX.
(For Pin Plunger Type Only)

Contact Form:
1=SPDT

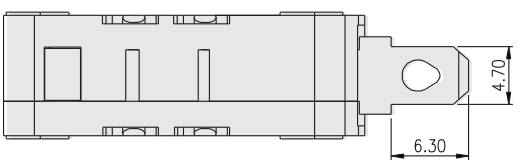
Terminal:
A=Solder Terminals
B=Quick-connect Terminals (#187)

V=RoHS & Lead Free

CIRCUIT

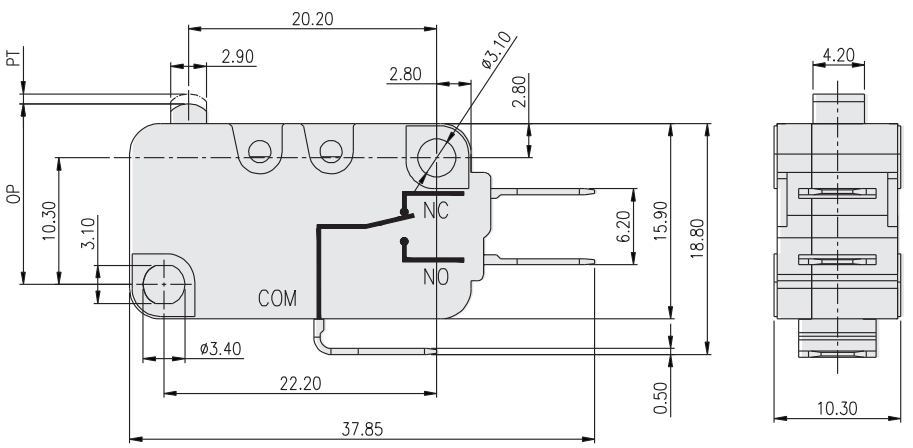


MS3-5PE1AV

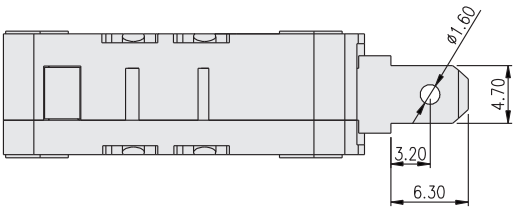


OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	50gf (0.49N) MAX.
RELEASE FORCE(RF)	5gf (0.05N) MIN.
PRETRAVEL(PT)	1.20mm MAX.
OVERTRAVEL(OT)	1.0mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.40mm MAX.
OPERATING POSITION(OP)	14.70±0.4mm

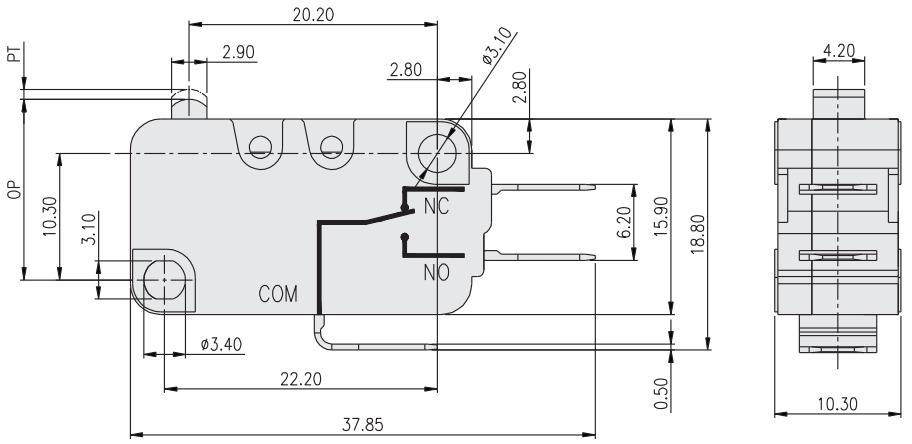


MS3-5PE1BV

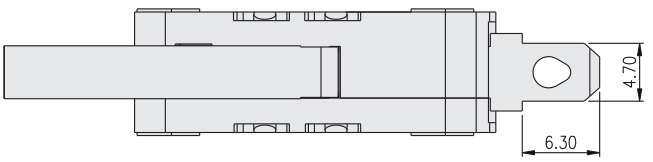


OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	50gf (0.49N) MAX.
RELEASE FORCE(RF)	5gf (0.05N) MIN.
PRETRAVEL(PT)	1.20mm MAX.
OVERTRAVEL(OT)	1.0mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.40mm MAX.
OPERATING POSITION(OP)	14.70±0.4mm

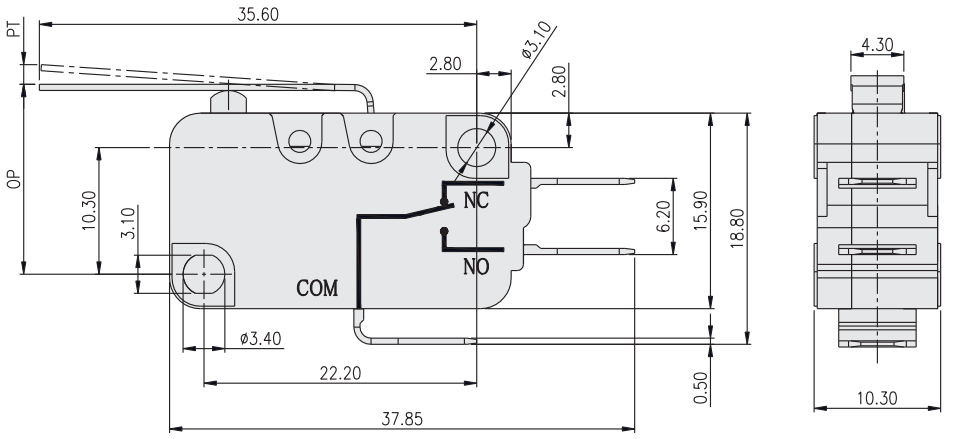


MS3-5L2E1AV

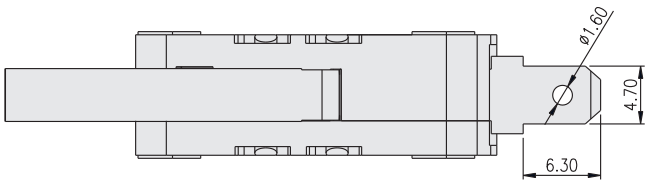


OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	30gf (0.29N) MAX.
RELEASE FORCE(RF)	6gf (0.058N) MIN.
PRETRAVEL(PT)	4.0mm MAX.
OVERTRAVEL(OT)	1.60mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.80mm MAX.
OPERATING POSITION(OP)	15.20±1.20mm

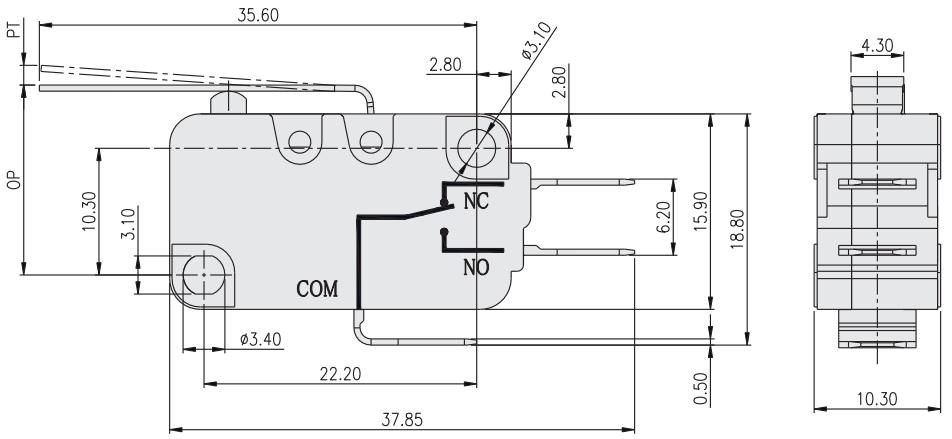


MS3-5L2E1BV

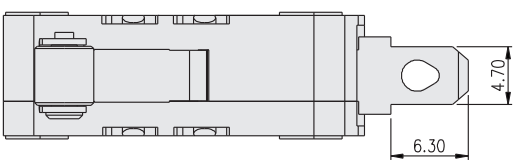


OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	30gf (0.29N) MAX.
RELEASE FORCE(RF)	6gf (0.058N) MIN.
PRETRAVEL(PT)	4.0mm MAX.
OVERTRAVEL(OT)	1.60mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.80mm MAX.
OPERATING POSITION(OP)	15.20±1.20mm

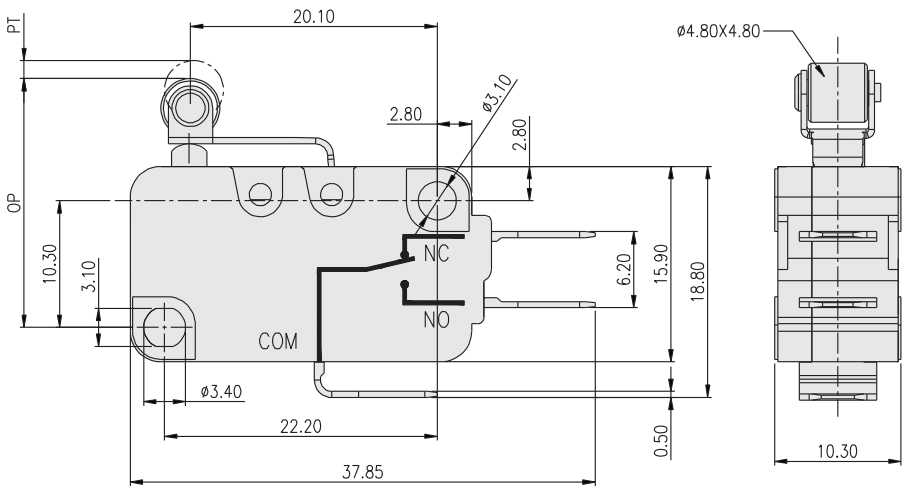


MS3-5L5E1AV

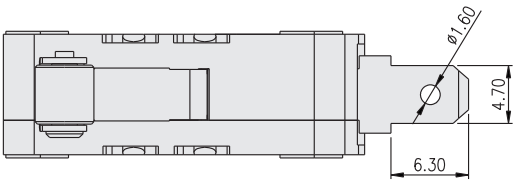


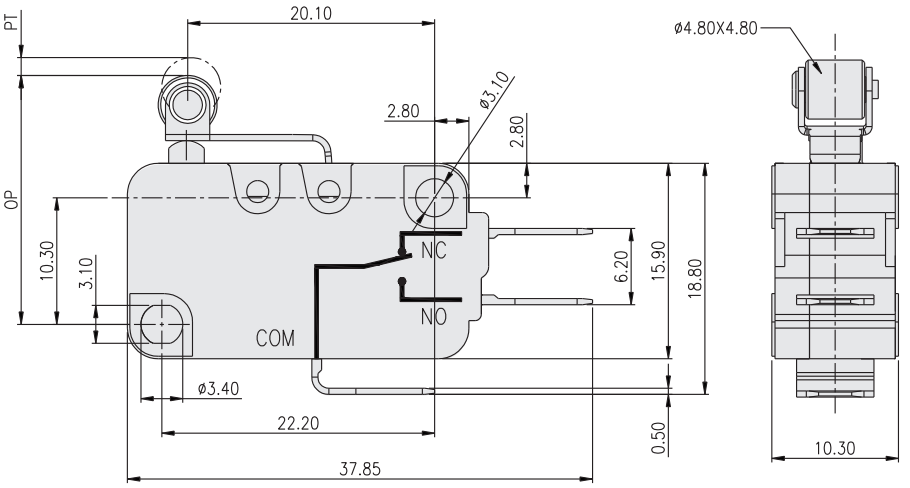
OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	60gf (0.59N) MAX.
RELEASE FORCE(RF)	4gf (0.04N) MIN.
PRETRAVEL(PT)	1.60mm MAX.
OVERTRAVEL(OT)	0.8mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.50mm MAX.
OPERATING POSITION(OP)	20.70±0.6mm



MS3-5L5E1BV



OPERATING CHARACTERISTICS

ITEM	SPEC.
OPERATING FORCE(OF)	60gf (0.59N) MAX.
RELEASE FORCE(RF)	4gf (0.04N) MIN.
PRETRAVEL(PT)	1.60mm MAX.
OVERTRAVEL(OT)	0.8mm MIN.
MOVEMENT DIFFERENTIAL(MD)	0.50mm MAX.
OPERATING POSITION(OP)	20.70±0.6mm