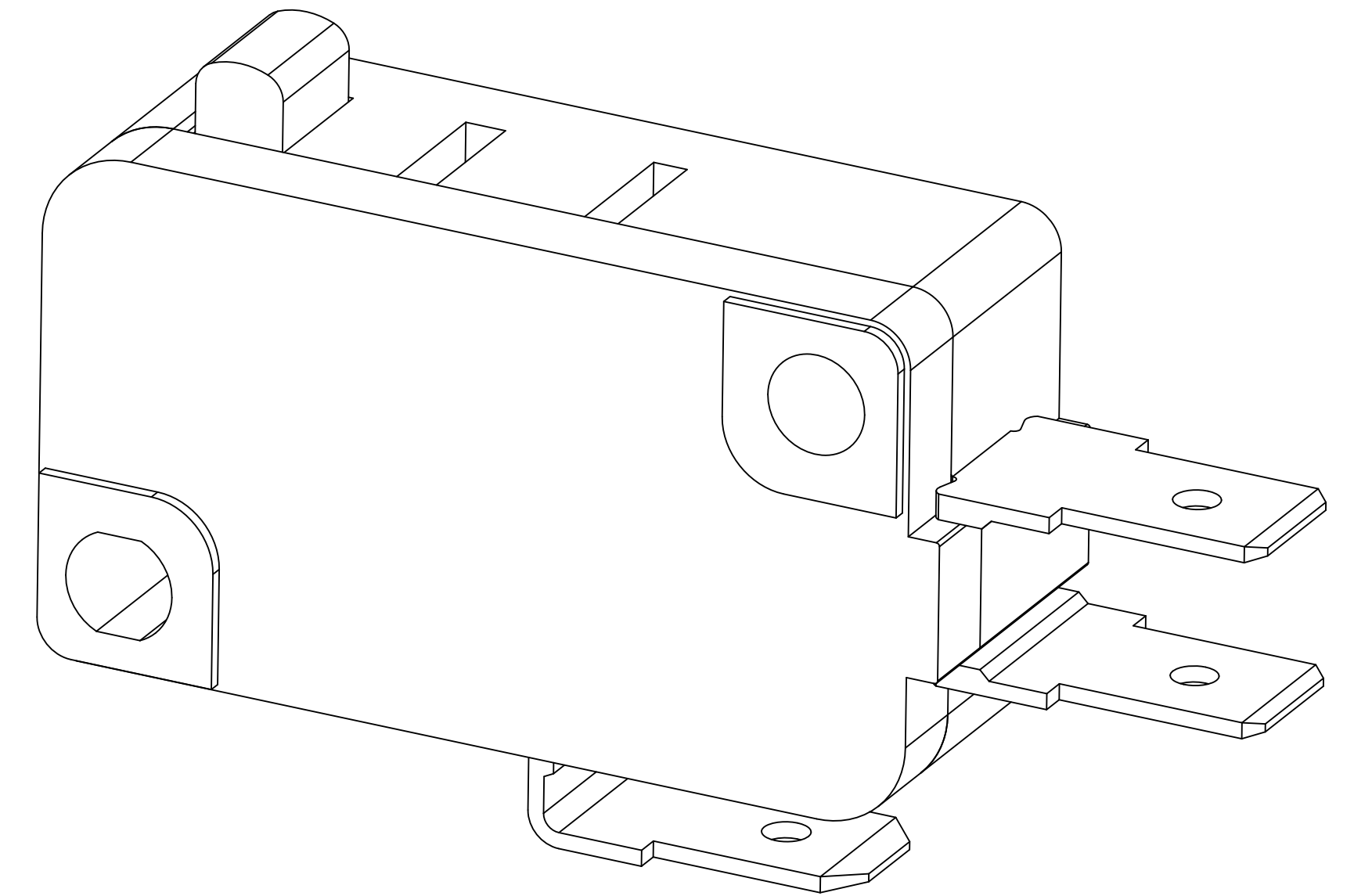
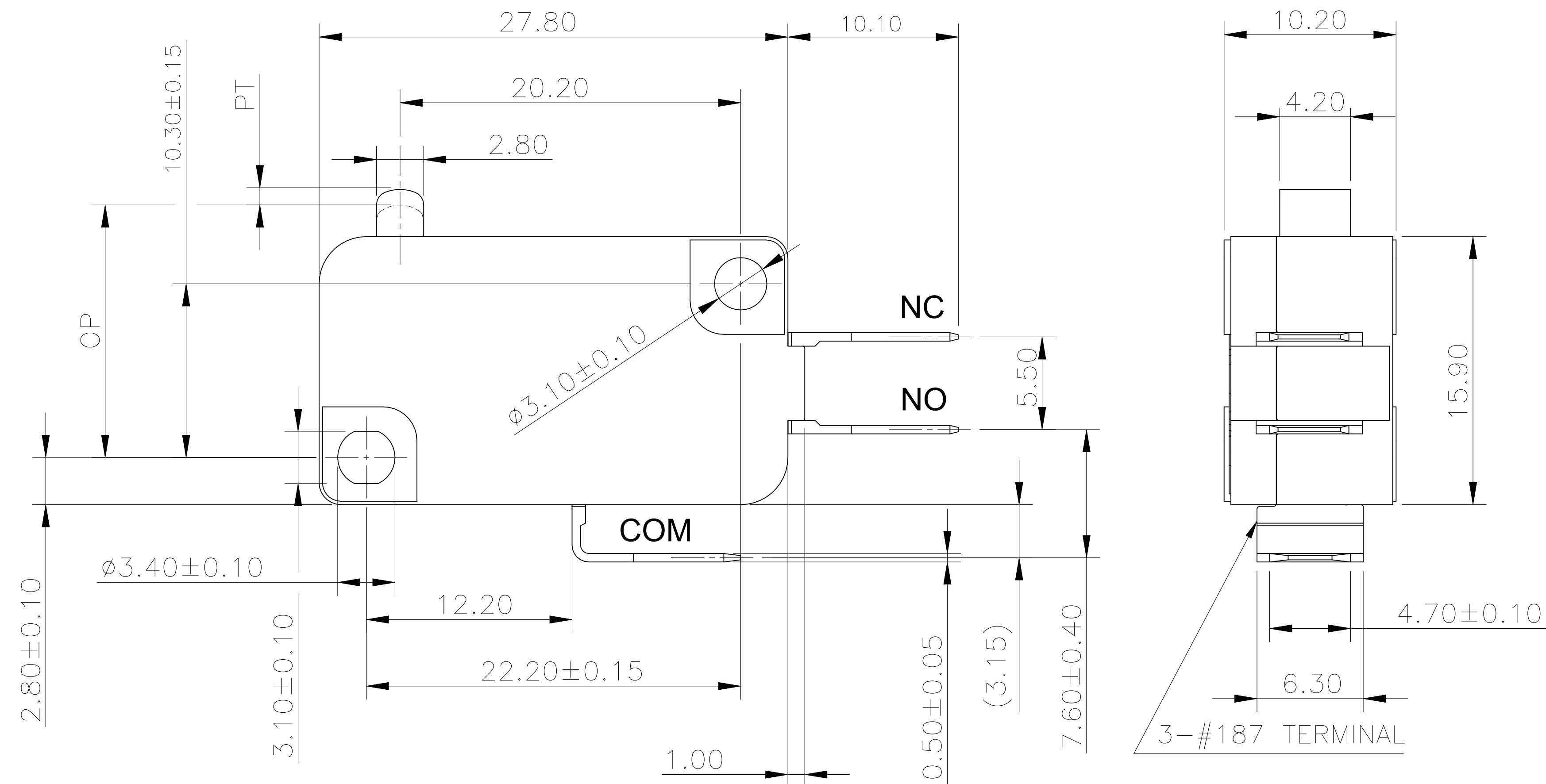
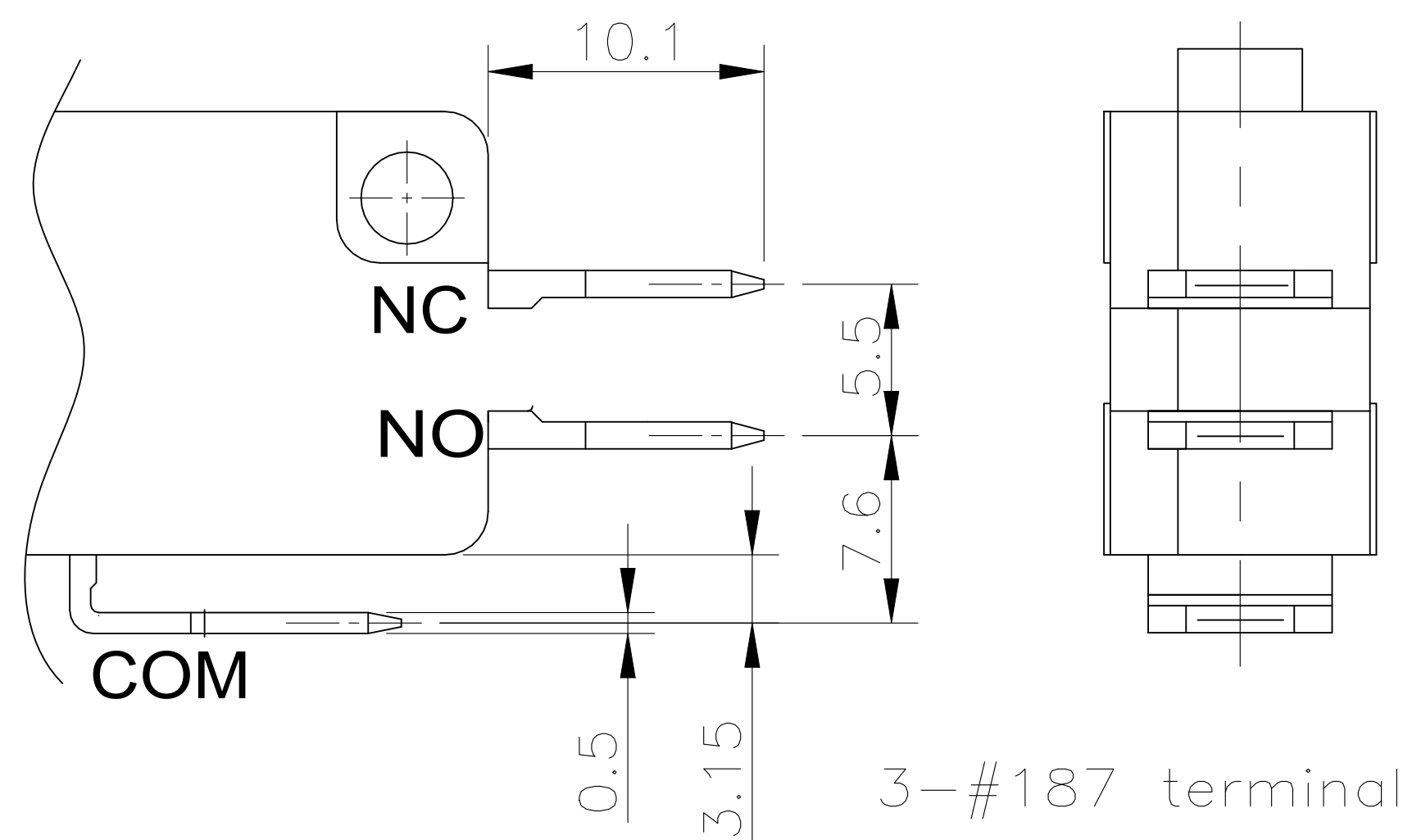


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	NEW DRAWING	03MAY2023	LP	MY

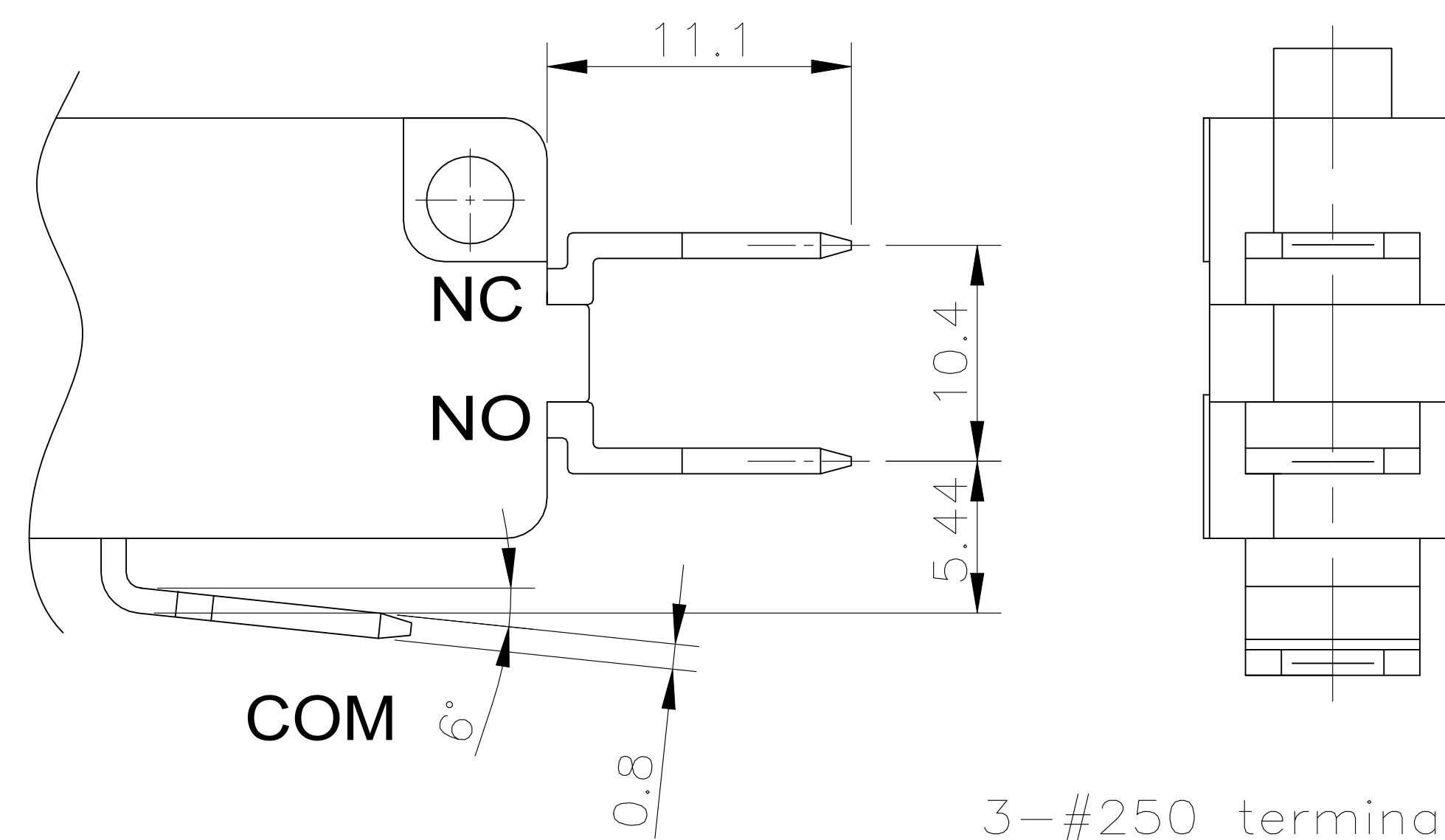
OVERALL DIMENSIONS



D TYPE
187 SERIES, STRAIGHT (0.5T)

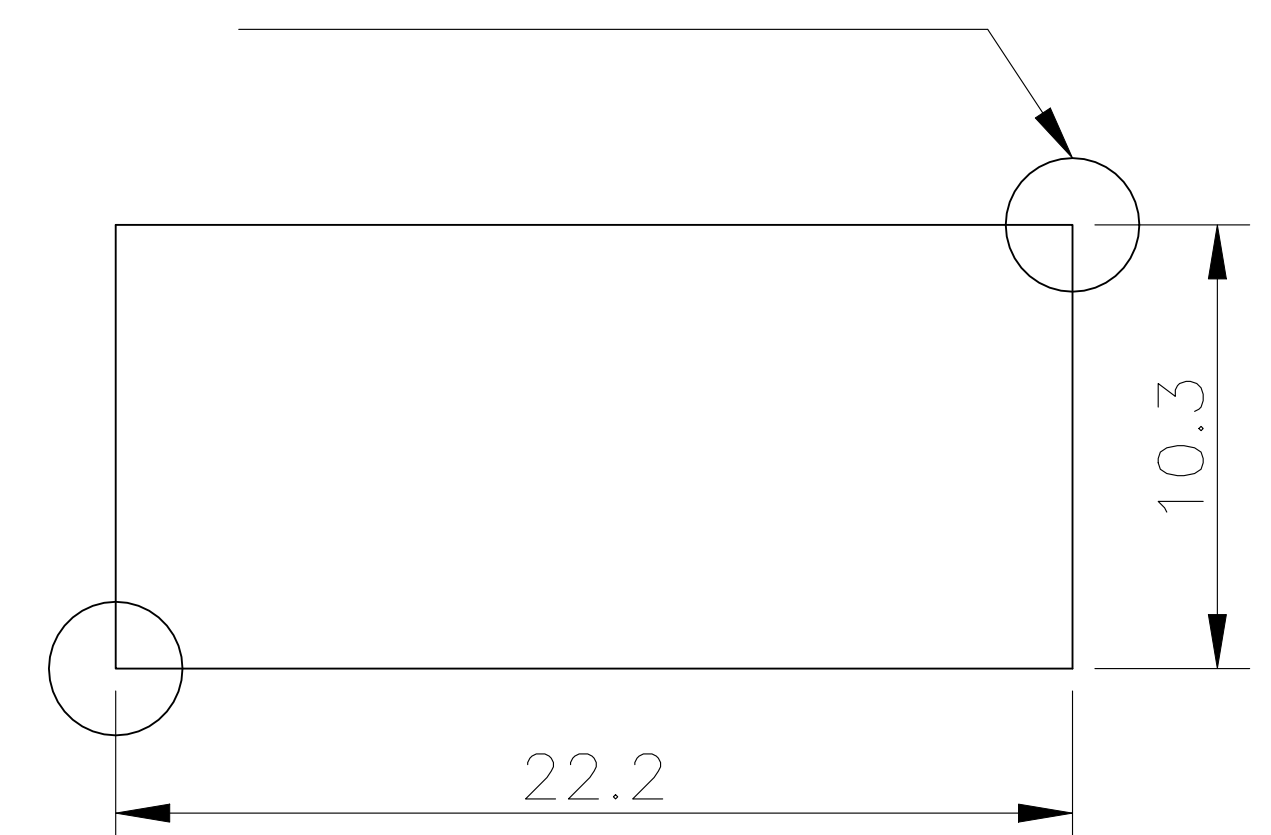


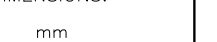
E TYPE
250 SERIES, DOG-LEG (0.8T)

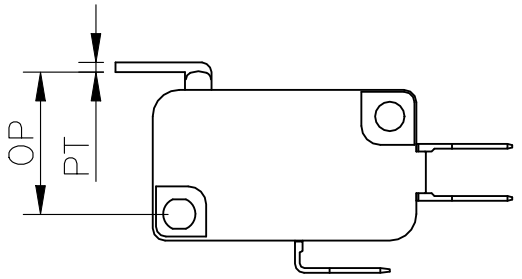
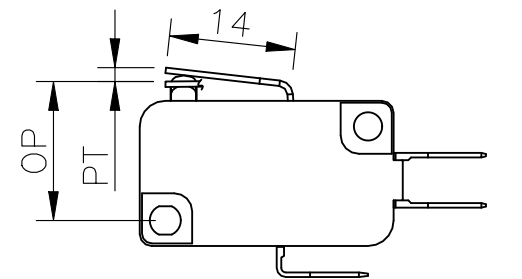
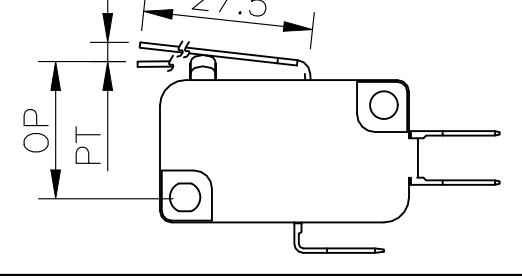
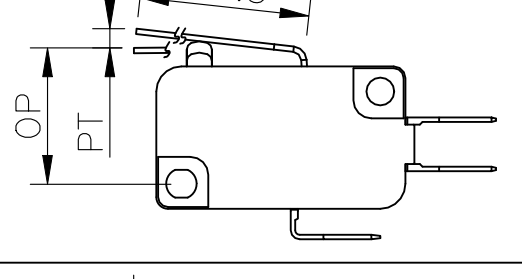
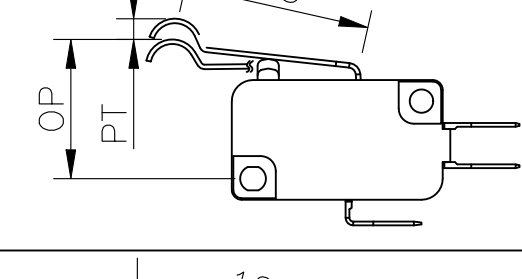
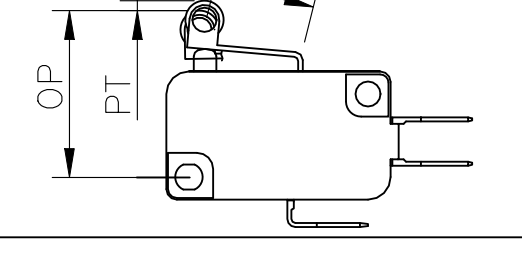


MOUNTING HOLES

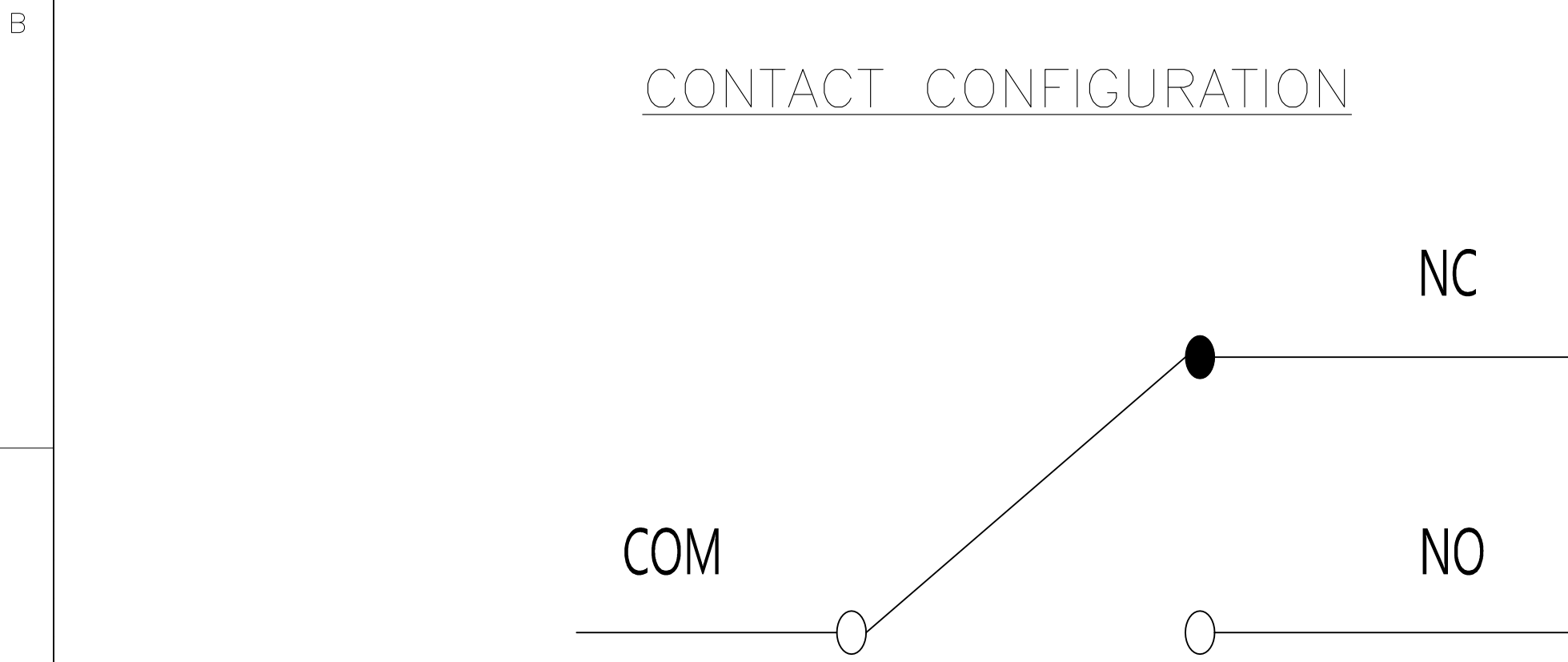
2- ϕ 3.1 MOUNTING HOLES
OR M3 SCREW HOLES



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG 03MAY2023 LINGANATHAN P CHK 03MAY2023 MANOJ YADAV APD 03MAY2023 MANOJ YADAV		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		NAME 16 A HIGH CURRENT SNAP ACTION SWITCH	
		PRODUCT SPEC — APPLICATION SPEC —		SIZE CAGE CODE DRAWING NO RESTRICTED TO A1 00779 C=2435260 —	
MATERIAL —		FINISH —		WEIGHT 0	
		CUSTOMER DRAWING		SCALE 1:1 SHEET 1 OF 3 REV 1	

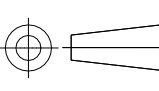
SWITCH TYPE	PART SUFFIX	OPERATING FORCE MAX. OF Max. (gf)		OPERATING POSITION OP (mm)	PRE-TRAVEL MAX. PT MAX. (mm)	OVER-TRAVEL MIN. OT MIN. (mm)	MOVEMENT DIFFERENTIAL MAX. MD MAX. (mm)
		L	S				
HCP16DTD0□04		150	200	14.7±0.5	1.9	1.0	0.4
HCP16DTD1□04		150	190	15.3±0.5	2.8	1.0	0.5
HCP16DTD2□04		90	110	15.3±1.1	5.9	1.2	1.0
HCP16DTD3□04		50	65	15.3±2.4	9.3	—	2.1
HCP16DTD4□04		90	120	18.7±1.3	5.5	1.9	1.1
HCP16DTD5□04		170	220	20.7±0.6	2.7	1.1	0.45

HCP16DTE5L04	HCP Series 16A, Light Force, 0.250 Terminal, Short Roller	2-2435260-4	24
HCP16DTD5L04	HCP Series 16A, Light Force, 0.187 Terminal, Short Roller	2-2435260-3	23
HCP16DTE5S04	HCP Series 16A, Standard Force, 0.250 Terminal, Short Roller	2-2435260-2	22
HCP16DTD5S04	HCP Series 16A, Standard Force, 0.187 Terminal, Short Roller	2-2435260-1	21
HCP16DTE4L04	HCP Series 16A, Light Force, 0.250 Terminal, Simulated Roller	2-2435260-0	20
HCP16DTD4L04	HCP Series 16A, Light Force, 0.187 Terminal, Simulated Roller	1-2435260-9	19
HCP16DTE4S04	HCP Series 16A, Standard Force, 0.250 Terminal, Simulated Roller	1-2435260-8	18
HCP16DTD4S04	HCP Series 16A, Standard Force, 0.187 Terminal, Simulated Roller	1-2435260-7	17
HCP16DTE3L04	HCP Series 16A, Light Force, 0.250 Terminal, Extended Lever	1-2435260-6	16
HCP16DTD3L04	HCP Series 16A, Light Force, 0.187 Terminal, Extended Lever	1-2435260-5	15
HCP16DTE3S04	HCP Series 16A, Standard Force, 0.250 Terminal, Extended Lever	1-2435260-4	14
HCP16DTD3S04	HCP Series 16A, Standard Force, 0.187 Terminal, Extended Lever	1-2435260-3	13
HCP16DTE2L04	HCP Series 16A, Light Force, 0.250 Terminal, Normal Lever	1-2435260-2	12
HCP16DTD2L04	HCP Series 16A, Light Force, 0.187 Terminal, Normal Lever	1-2435260-1	11
HCP16DTE2S04	HCP Series 16A, Standard Force, 0.250 Terminal, Normal Lever	1-2435260-0	10
HCP16DTD2S04	HCP Series 16A, Standard Force, 0.187 Terminal, Normal Lever	2435260-9	9
HCP16DTE1L04	HCP Series 16A, Light Force, 0.250 Terminal, Small Lever	2435260-8	8
HCP16DTD1L04	HCP Series 16A, Light Force, 0.187 Terminal, Small Lever	2435260-7	7
HCP16DTE1S04	HCP Series 16A, Standard Force, 0.250 Terminal, Small Lever	2435260-6	6
HCP16DTD1S04	HCP Series 16A, Standard Force, 0.187 Terminal, Small Lever	2435260-5	5
HCP16DTE0L04	HCP Series 16A, Light Force, 0.250 Terminal, No Lever	2435260-4	4
HCP16DTD0L04	HCP Series 16A, Light Force, 0.187 Terminal, No Lever	2435260-3	3
HCP16DTE0S04	HCP Series 16A, Standard Force, 0.250 Terminal, No Lever	2435260-2	2
HCP16DTD0S04	HCP Series 16A, Standard Force, 0.187 Terminal, No Lever	2435260-1	1
TE SMART NUMBER	DESCRIPTION	TE PN	SL No.



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm



MATERIAL
—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± —

1. PLC ± —

2. PLC ± —

3. PLC ± —

4. PLC ± —

ANGLES ± —

FINISH —

DWN
LINGANATHAN, P.

CHK
MANOJ YADAV

APVD
MANOJ YADAV

WEIGHT
—

03MAY2023

03MAY2023

03MAY2023

2435260

NAME
16 A HIGH CURRENT SNAP ACTION SWITCH

SIZE
A1

CAGE CODE
00779

DRAWING NO
2435260

RESTRICTED TO
—

CUSTOMER DRAWING

SCALE
1:1

SHEET
2

OF
3

REV
1

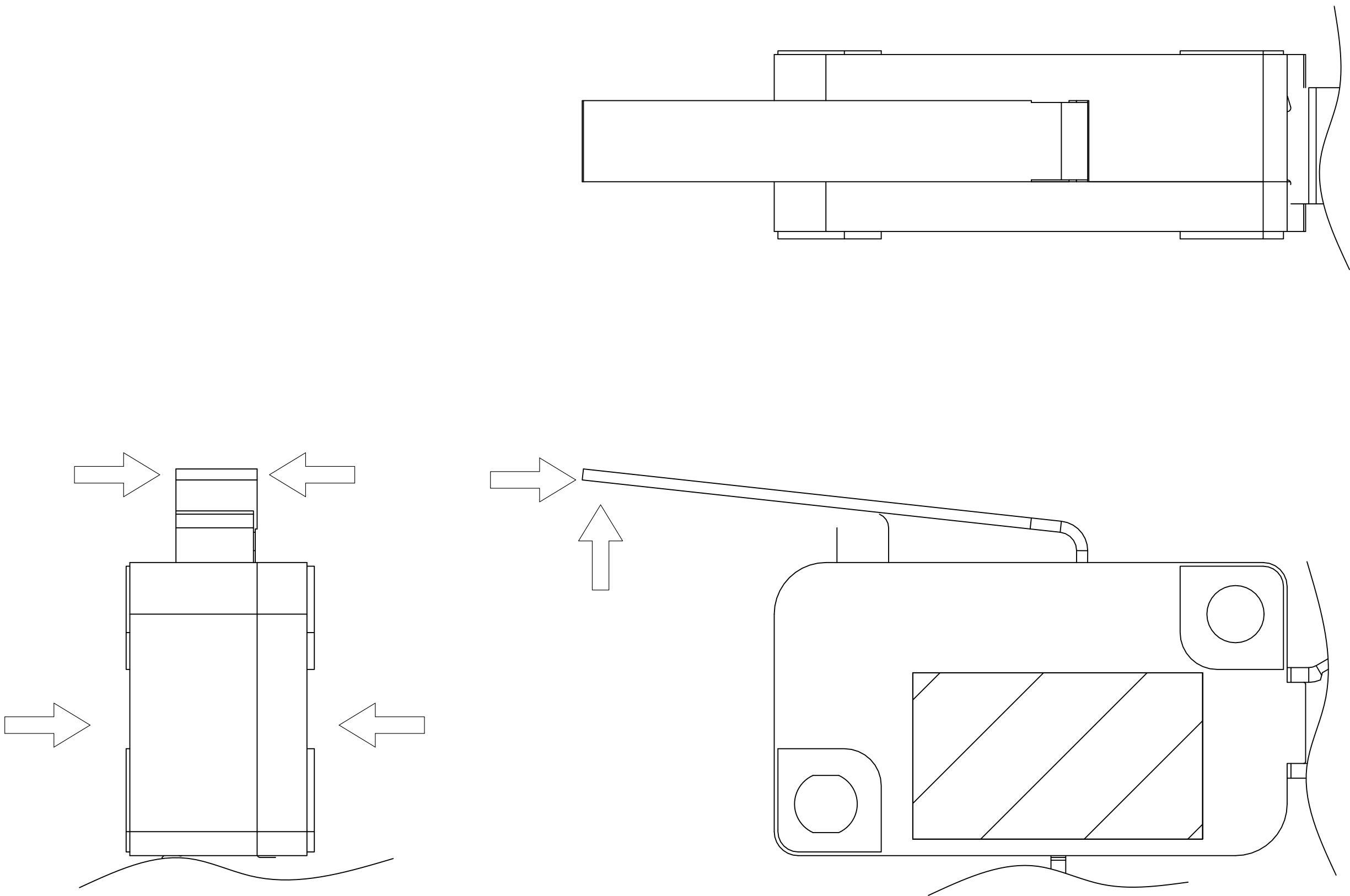
4805 (1/15)

SPECIFICATIONS

1. CONTACT RESISTANCE(INITIAL)
MAX. 300 MΩ
MEASURED BY OHM METER – OPEN VOLTAGE < 1VDC, DRIVER CURRENT –100 mA
2. INSULATION RESISTANCE (AT 500 VDC / MINUTE)
MIN. 100 MΩ
3. DIELECTRIC STRENGTH
MIN. 500VAC(50–60Hz)/MINUTE BETWEEN LIVE PARTS.
MIN. 1500VAC(50–60Hz)/MINUTE BETWEEN LIVE PARTS AND DEAD METAL PARTS
4. OPERATING TEMPERATURE RANGE
–40℃ TO 125℃ (WITH NO ICING)
5. VIBRATION
10~55Hz, DISPLACEMENT 0.75 MM (P–P)
6. ELECTRICAL SERVICE LIFE
0.1A – MIN. 1,000,000 OPERATIONS
OTHERS RATING – MIN. 10,000 OPERATIONS
7. ELECTRICAL OPERATING FREQUENCY
10~30 OPERATIONS PER MINUTE
8. MECHANICAL SERVICE LIFE
MIN. 10,000,000 OPERATIONS
9. MECHANICAL OPERATING FREQUENCY
120 OPERATIONS PER MINUTE
10. OPERATING APPLICATION OF THE SWITCH
SET THE SWITCH PUSHING DISTANCE FROM 60% TO 90% OF THE SPECIFIED OT VALUE

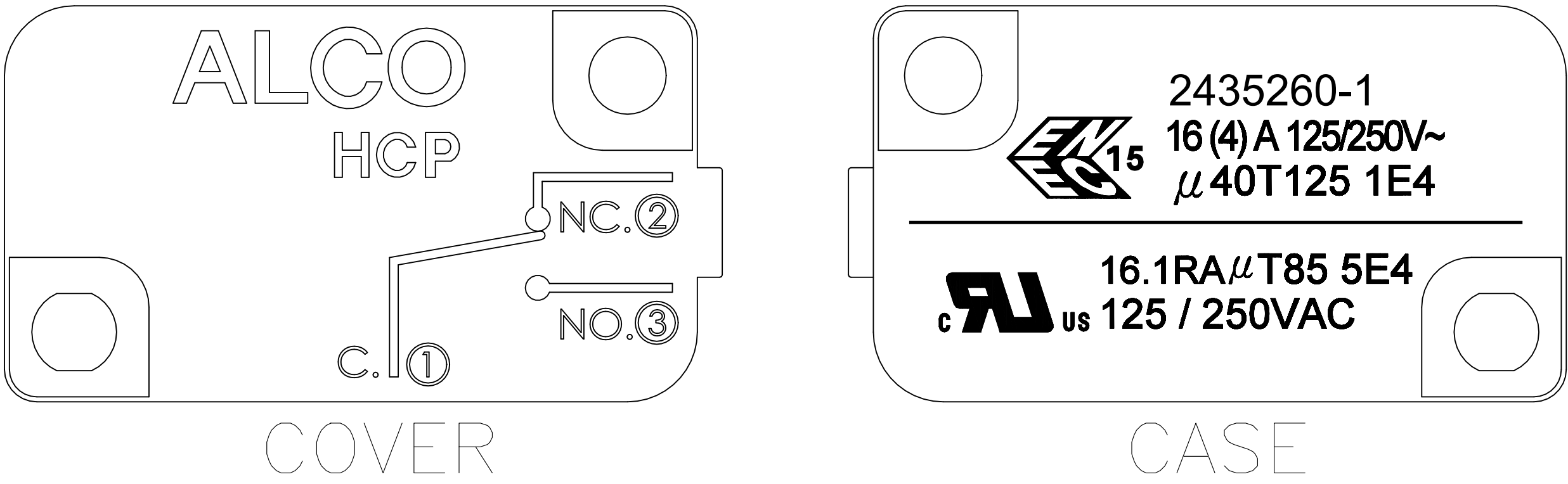
CAUTIONS:

1. TO SECURE THE SWITCH, PLEASE USE AN M3 SMALL SCREW ON A FLAT SURFACE AND TIGHTEN WITH PLANE WASHERS OR SPRING WASHERS TO SECURELY MOUNT THE SWITCH, USING A MAXIMUM TORQUE OF 0.59 N•M.
2. TO ENSURE THE BEST PERFORMANCE OF THE SWITCH, WHEN HANDLING/INSTALLING THE SWITCH, PLEASE DO NOT APPLY UNEVEN PRESSURE TO THE DIRECTION INDICATED BY THE ARROW IN (FIGURE –1). ANY UNEVEN PRESSURE OR PRESSURE DIRECTION OTHER THAN THE OPERATING DIRECTION MIGHT BE HARMFUL OR DAMAGE THE SWITCH PERFORMANCE.



FIGURE–1

MARKING DRAWING



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN LINGANATHAN P 03MAY2023	 TE Connectivity	
		CHK MANOJ YADAV 03MAY2023		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± - 1. PLC ± - 2. PLC ± - 3. PLC ± - 4. PLC ± - ANGLES ± -	AP'D MANOJ YADAV 03MAY2023	NAME 16 A HIGH CURRENT SNAP ACTION SWITCH	RESTRICTED TO
		PRODUCT SPEC		
	FINISH	APPLICATION SPEC	SIZE A1	CAGE CODE 00779
		WEIGHT	DRAWING NO 2435260	REV 1
CUSTOMER DRAWING		SCALE 1:1	SHEET 3	OF 3