

Specifications

E41	[25 T 85] :	0.1A 125/250VAC
E51	[25 T 125]	
E61	[25 T 150]	
E42	[25 T 85] :	16(4)A 125/250VAC > 50,000 cycles
E52	[25 T 125]	1/2HP 125VAC 3/4HP 250VAC
E62	[25 T 150]:	10A 125/250VAC >100,000 cycles 1/2HP 125/250VAC 1A/30VDC
E43	[25 T 85] :	22(8)A 125/250VAC >10,000 cycles
E53	[25 T 125]	15.1A 125/250VAC >100,000 cycles
E63	[25 T 150]	1HP/125VAC, 2HP/250VAC (op. force K NOT available for this model)
Mechanical Life:		1,000,000 cycles min.
Insulation Resistance:		100 MΩ min.
Dielectric Strength:		1000VAC for 60 +/- 5 sec
Housing:		UL 94V0 Thermoplastic
Proof Tracking Index:		E4: PTI-175V; E5, E6 : PTI-250V



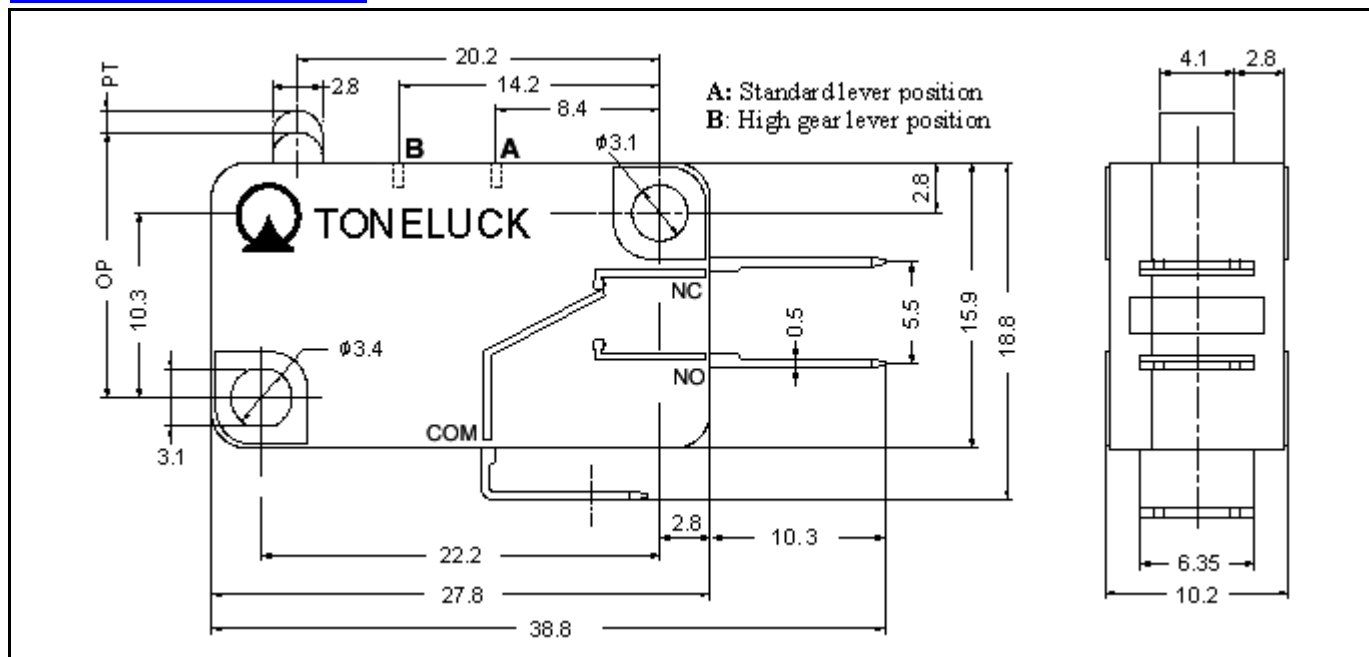
Packaging: tray
Ordering qty: 200pcs
Switch with lever: 1000pcs

Ordering Instructions

E42 A K - A A 01 Ag - 01

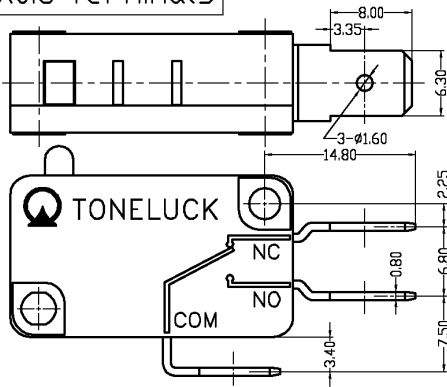
Series	Circuitry	Operating Force	Terminal Type	Lever Position	Lever Type	Contact Type	Versions
E41~E43	A=SPDT	K	Ref. to table	A: standard position	01, 02, ..99	Ag = silver	Standard: 01
E51~E53	B=SPST-NC	L		B: high gear position	1A, 1B ..1Y	Au = gold plated	Custom-made:
E61~E63	C=SPST-NO	M		N: no lever	00: no lever	An= other spec (n = 1, 2, 3 ..9)	02, 03, 04, ..99 1A, 1B,1C ..9Y
		N					
		P					

Basic Switch Dimensions

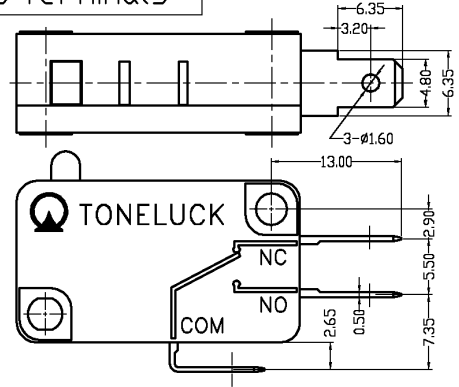


Standard Terminals

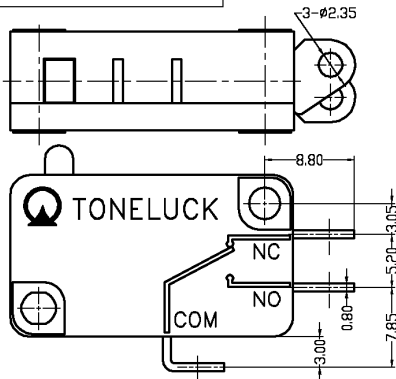
A: 6.3X0.8 Terminals



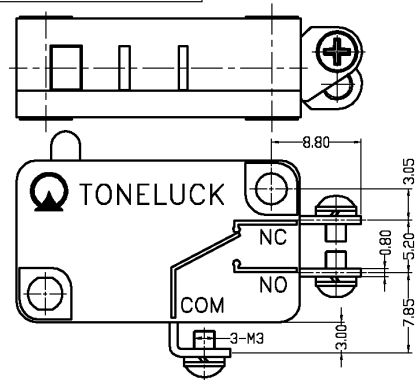
B: 4.8X0.5 Terminals



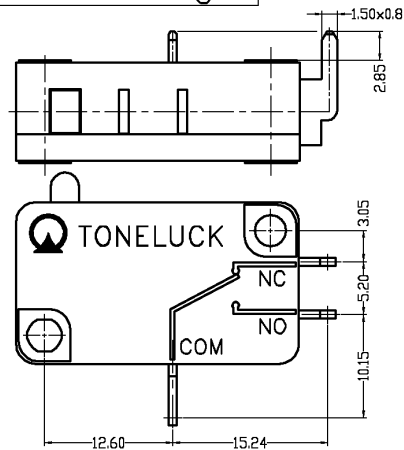
C: Solder Terminals



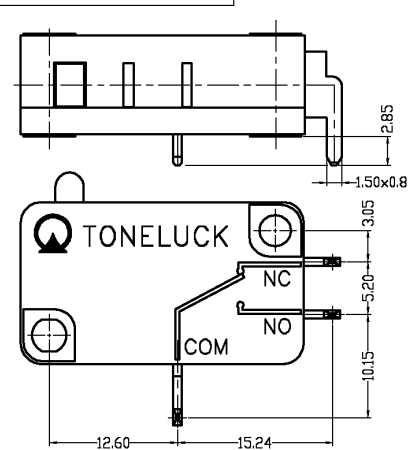
D: Screw Terminals



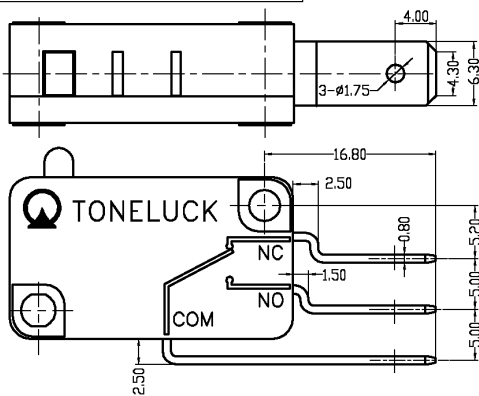
P: PCB Terminals-Right



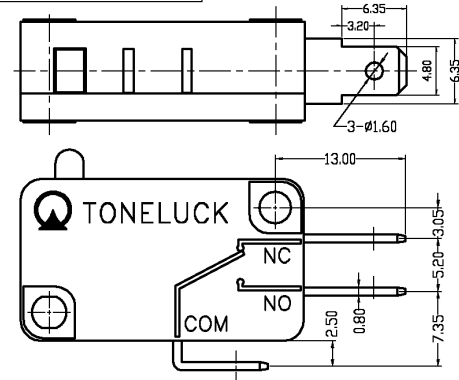
Q: PCB Terminals-Left



R: 6.3X0.8, RAST-5 Terminals

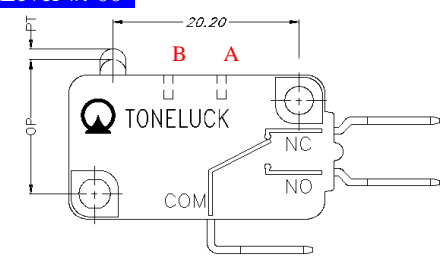
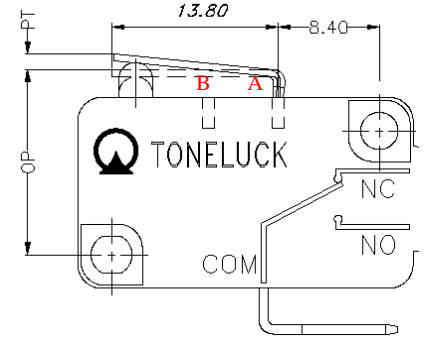
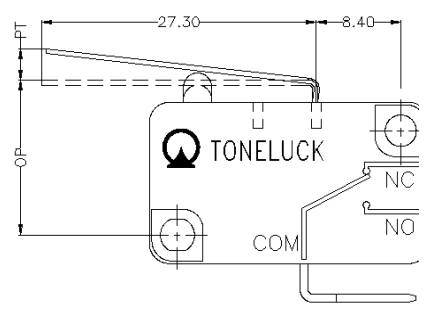
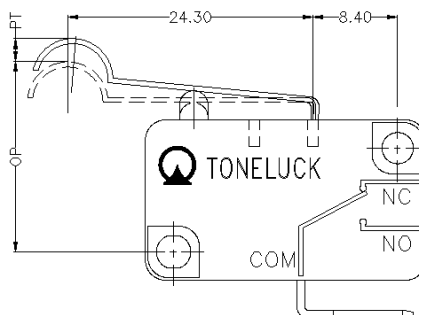


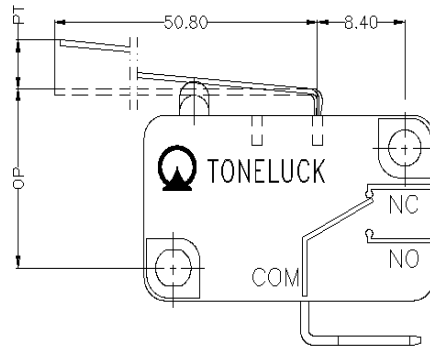
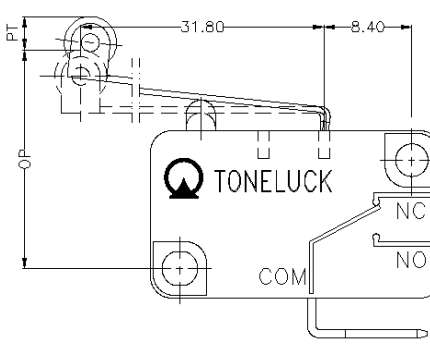
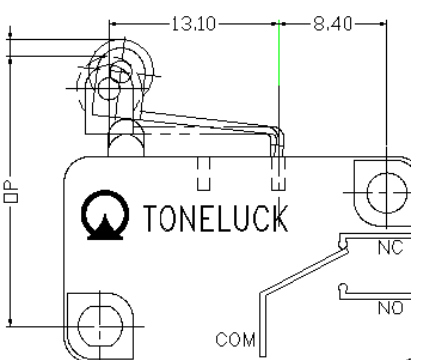
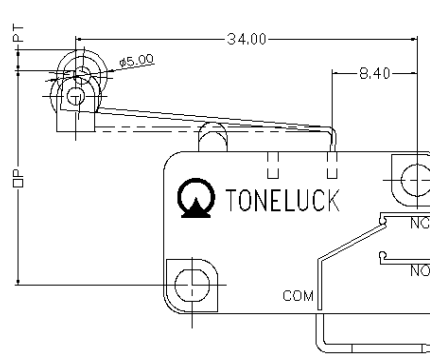
S: 4.8X0.8 Terminals



Standard Levers for MQS-2xx & E series Basic Switches

(All dimensions in [mm], force in gram)

Lever Type	Lever position	Op. force(gf)	RF (min)	OP	PT (max)	OT (min)	MD (max)
Lever #: 00 	-	K: 55 ± 15	10	14.7±0.5	1.2	1.25	0.40
		L: 100 ± 25	20				
		M: 160 ± 30	50				
		N: 200 ± 30	55				
		P: 350 ± 50	80				
Lever #: 01 	A	K: 55 ± 15	10	15.3±0.5	1.6	1.5	0.5
		L: 100 ± 25	20				
		M: 160 ± 30	50				
		N: 200 ± 30	55				
		P: 350 ± 50	80				
	B	K: 30 ± 15	10	15.3±1.1	3.0	2.4	0.75
		L: 50 ± 15	15				
		M: 80 ± 20	30				
		N: 100 ± 20	40				
		P: 175 ± 30	50				
Lever #: 02 	A	K: 30 ± 15	10	15.3±1.5	3.3	2.5	1.2
		L: 50 ± 15	15				
		M: 75 ± 20	30				
		N: 95 ± 20	40				
		P: 170 ± 30	50				
	B	K: 20 ± 8	5	15.3±2.3	6.0	4.8	1.65
		L: 30 ± 10	10				
		M: 40 ± 15	15				
		N: 50 ± 15	20				
		P: 85 ± 20	30				
Lever #: 03 	A	K: 30 ± 15	10	18.7±1.5	2.8	2.4	1.1
		L: 55 ± 15	15				
		M: 85 ± 20	30				
		N: 105 ± 20	40				
		P: 180 ± 30	50				
	B	K: 20 ± 8	5	18.7±2.1	5.5	4.1	1.6
		L: 30 ± 10	10				
		M: 45 ± 15	15				
		N: 55 ± 15	20				
		P: 100 ± 25	30				

Lever Type	Lever position	Op. force (gf)	RF min	OP	PT (max)	OT (min)	MD (max)
Lever #: 04 	A	K: 12 ± 5	4	15.3±2.5	6.5	4.4	2.2
		L: 25 ± 10	8				
		M: 40 ± 15	15				
		N: 50 ± 15	20				
		P: 85 ± 20	30				
	B	K: 7 ± 5	2	15.3±4.3	11.5	8.3	3.5
		L: 15 ± 8	5				
		M: 20 ± 8	8				
		N: 25 ± 10	10				
		P: 55 ± 15	15				
Lever #: 05 	A	K: 20 ± 10	5	20.7±1.5	3.7	3.3	1.3
		L: 40 ± 15	10				
		M: 60 ± 15	25				
		N: 75 ± 20	30				
		P: 140 ± 30	45				
	B	K: 12 ± 5	4	20.7±2.2	7.5	5.5	2.4
		L: 20 ± 10	8				
		M: 35 ± 15	12				
		N: 40 ± 15	15				
		P: 80 ± 20	25				
Lever #: 12 	A	K: 55 ± 15	10	20.7±0.5	1.6	1.5	0.5
		L: 100 ± 25	20				
		M: 160 ± 30	50				
		N: 200 ± 30	55				
		P: 350 ± 50	80				
	B	K: 30 ± 15	10	20.7±1.1	3.0	2.4	0.75
		L: 50 ± 15	15				
		M: 80 ± 20	30				
		N: 100 ± 20	40				
		P: 175 ± 30	50				
Lever #: 13 	A	K: 30 ± 15	10	20.7±0.5	3.3	2.5	1.2
		L: 50 ± 15	15				
		M: 80 ± 20	30				
		N: 100 ± 20	40				
		P: 175 ± 30	50				
	B	K: 20 ± 8	5	20.7±2.2	6.0	4.8	1.6
		L: 30 ± 10	10				
		M: 40 ± 15	10				
		N: 50 ± 15	15				
		P: 90 ± 20	30				

Other standard levers

<p>No.#06</p>	<p>No.#07</p>
<p>No.#09</p>	<p>No.#10</p>
<p>No.#16</p>	<p>No.#17</p>
<p>No.#08</p>	<p>No.#18</p>
<p>No.#11</p>	

Note: Please contact Toneluck or her representatives for more levers