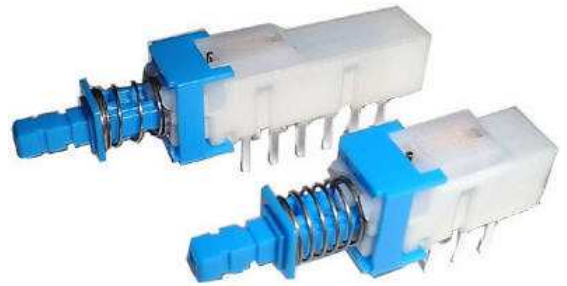# PBA Push Button Switch

Specifications

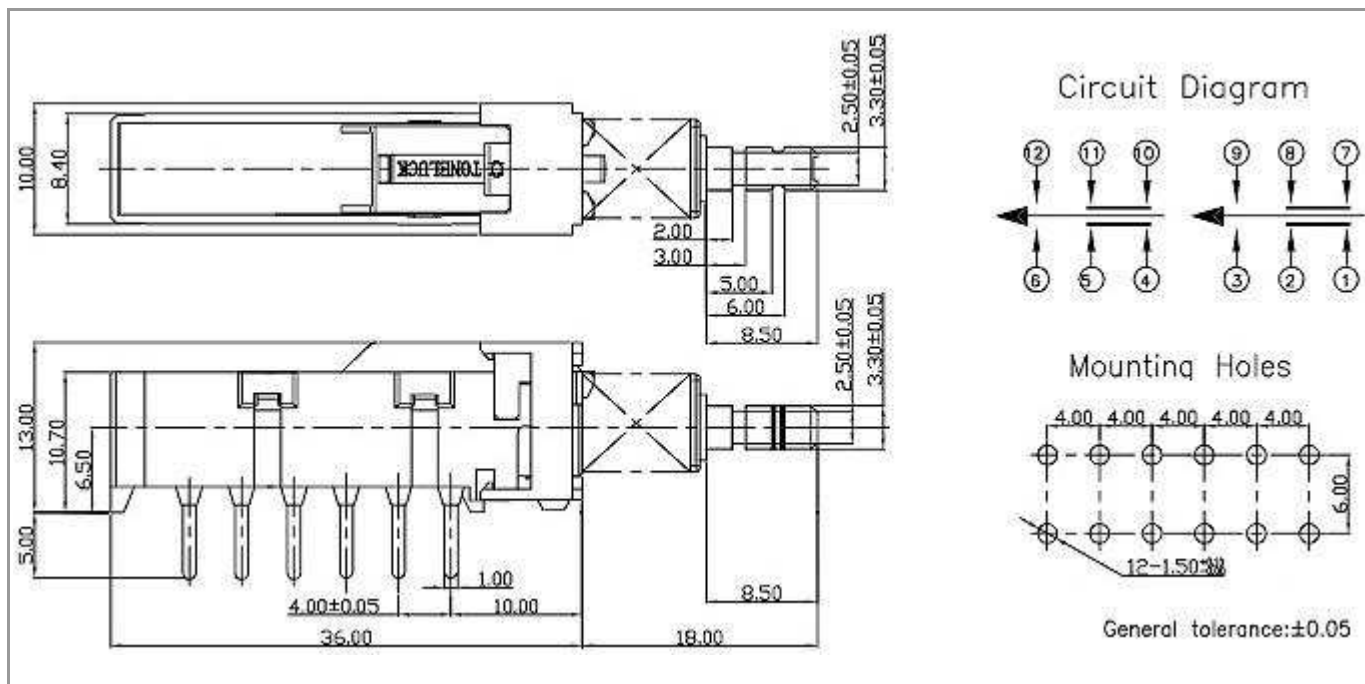|	
Ratings:	0.10A 30VDC 10,000 cycles
	1.00A 25VDC 5,000 cycles
Operating Temp:	-10°C ~ +60°C
Contact Resistance:	30mΩ max. initial
Insulation Resistance:	100 MΩ min.
Dielectric Strength:	500VAC for 60 +/- 5 sec
Housing:	UL 94HB
Travel-to-lock	2.5mm
Total Travel	3.5mm
Timing:	Non-shorting
Moving Contacts:	Silver plated
Buttons:	BF & LED series caps
Operating Force:	200 +/- 100gf (2P)
	250 +/- 100gf (4P)

Ordering qty: 200pcs
Switch assembly: 500pcs

Ordering Single Switch

PBA	-	S	2	D	F1	T

	S = Self Lock	No. of poles	Terminal Types	Operating force	Mounting Chassis
	N = Non-lock	2	A =Straight pins	F1=200+/-100gf (2 Poles)	H= 2x Ø 3.2mm
		4	D =Snap in pins	F1=250+/-100gf (4 Poles)	T= M3 screw
					Nil = No chassis

Dimensions (2 Poles)

Circuit Diagram

Mounting Holes

General tolerance:±0.05

Dimensions (4 Poles)

Circuit Diagram

Mounting Holes

General tolerance:±0.05
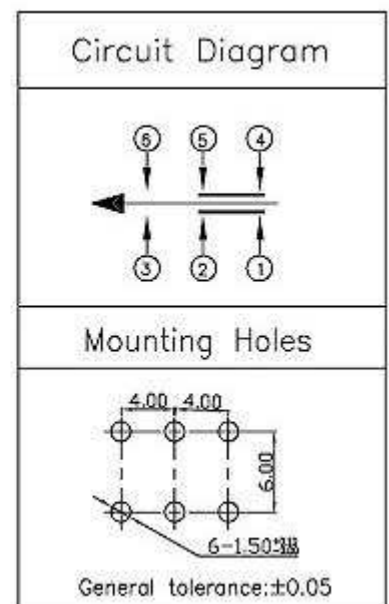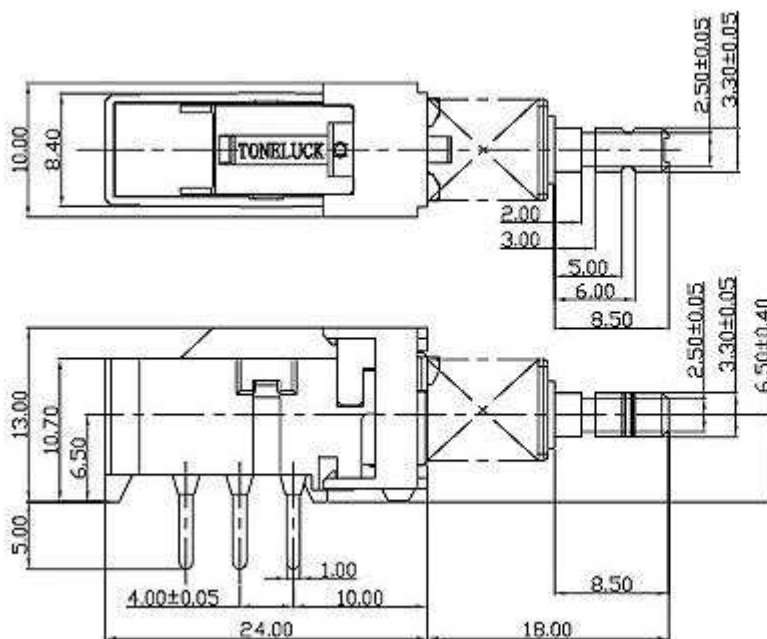
Switches Assembly

TONELUCK *SWITCH* since 1976
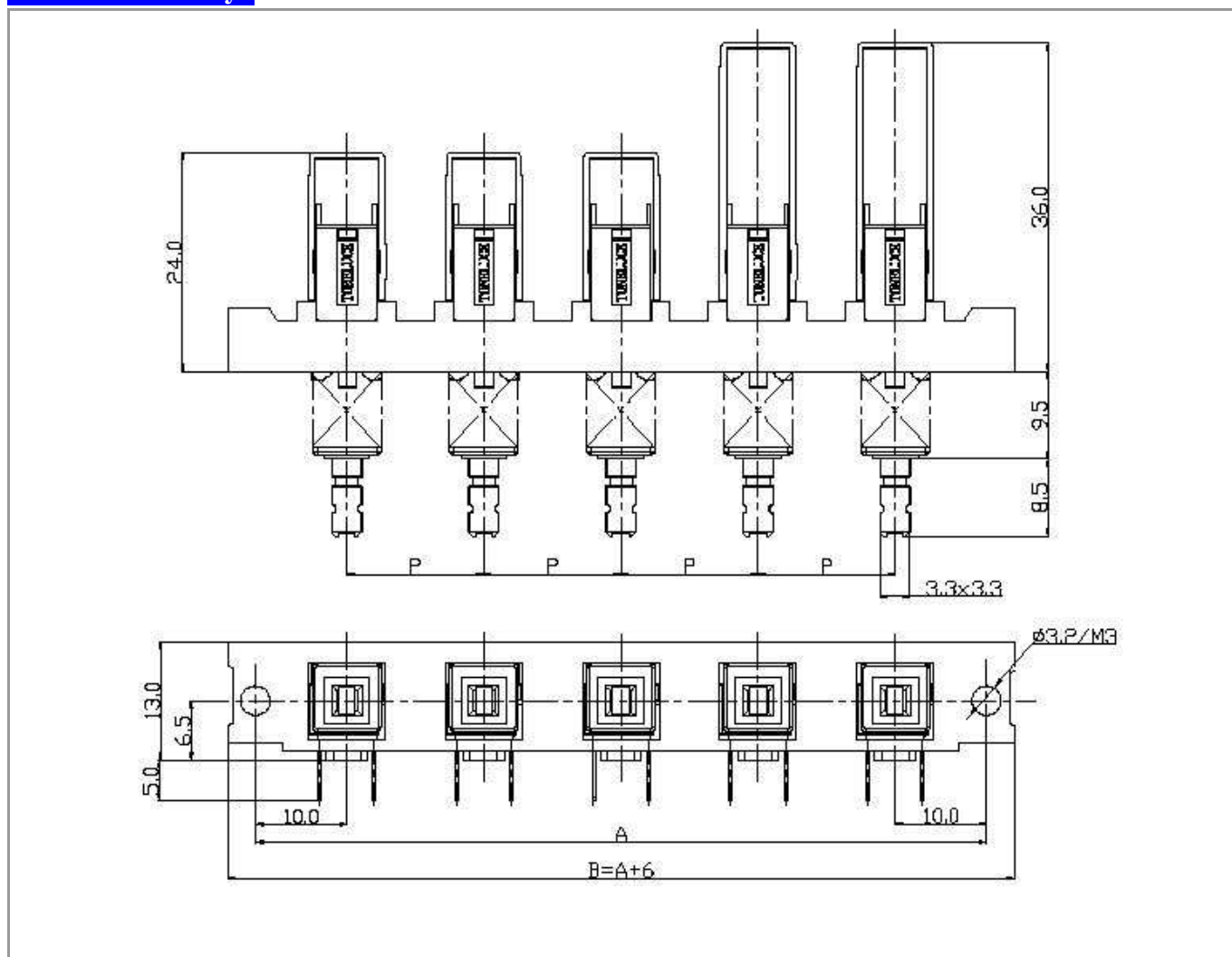
Switch Assembly Ordering Form

Customer: _____	Toneluck Salesman _____
Purchaser: _____	Date : _____
Project Ref: _____	Your Email : _____
Sales Rep.: _____	Est. Monthly Qty : _____

Format:

PBN	-	5	-	17.5	H	-	x x x x

PBA	No. of switches	Pitch (*mm*)	Mounting Chassis
PBN		10.0	H = Mounting holes is 2 x Ø3.2 mm
MPN		12.5	T = M3 Screw, 2 x (M3x 0.5 mm)
PWL		15.0	C = Mounting chassis ear cut
		17.5	
		20.0	
		25.0	XXXX : Assigned by Toneluck

1   2   3 ...
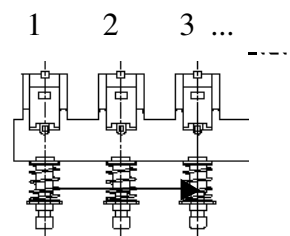
Key No.	Switch Part Number	Function (select one only by 'x')				Pitch (*p*)	Button P/N
		Self Lock	Non-lock	Inter-lock	Reset		
1							
2							
3							
4							
5							
6							
7							
8							
Remarks:							

To be filled by Toneluck:

Part-number:	[ ] - [ ] - [ ] [ ] - [ ]
Price:	Lead-time :
Revision Date:	Validity: 180 days
Remarks:	

http://www.toneluck.com

switch@toneluck.com

TONELUCK SWITCH *since 1976*