

IT-1102 Series



FEATURES

6×6×H(4.3mm ~ 17mm)
Vertical & Horizontal operating direction

APPLICATIONS

All kinds of electronic equipments such as
car audio and home appliances
Digital Camera, Camcorders, Mobile Phones

COMMON SPECIFICATIONS

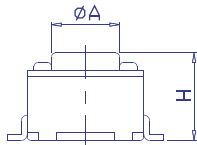
Electrical	Rating	DC 12V 50mA
	Contact Resistance	100mΩ Max.
	Insulation Resistance	100MΩ (DC 500V / 1 min.) Min.
	Withstanding Voltage	250 VAC / min.
Mechanical	Operating force	160±30gf or 260±50gf
	Travel	0.25±0.1mm
Endurance	Operating Life(cycles)	100,000

MODEL CODE NO.

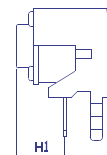
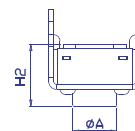
Drawing No.	Code No.	Operation Direction	Body Boss
1	IT-1102	Vertical	Snap Insert
2	IT-1102S	Vertical	SMT
3	IT-1102W	Vertical	SMT
4	IT-1102V	Horizontal	Snap Insert
5	IT-1102H	Horizontal	Snap Insert
6	IT-1102M	Horizontal	Snap Insert
7	IT-1102N	Horizontal	Snap Insert
8	IT-1102NS	Horizontal	Snap Insert
9	IT-1102US	Horizontal	SMT
10	IT-1102US10	Horizontal	SMT
11	IT-1102P	Vertical	Snap Insert
12	IT-1102RT	Vertical	Taping


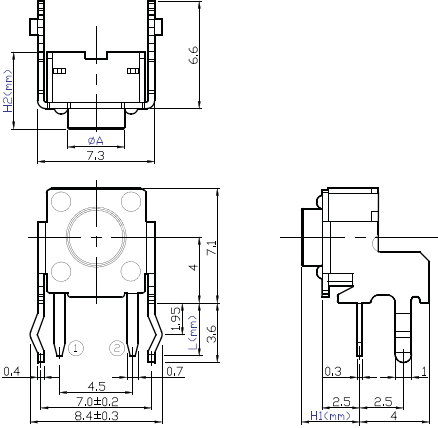
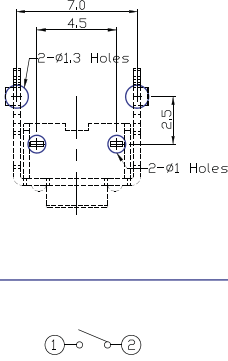

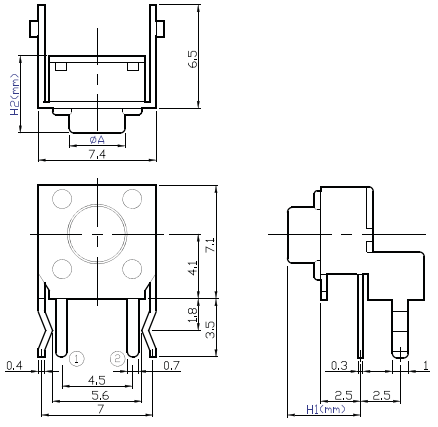
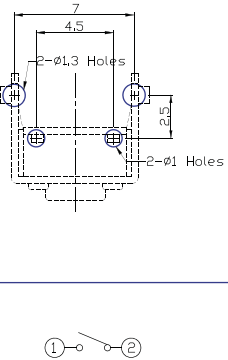

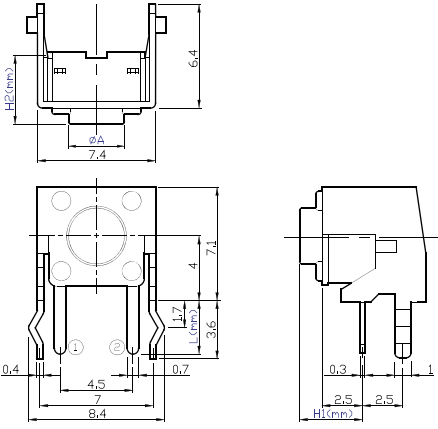
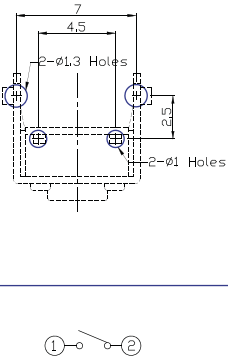

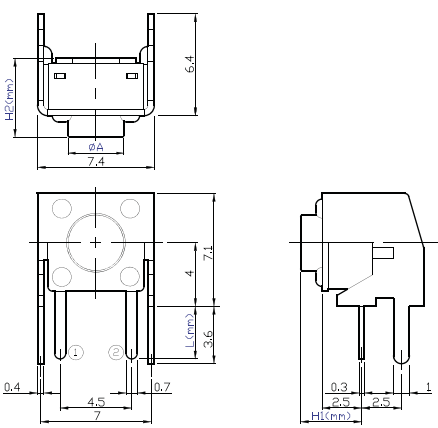
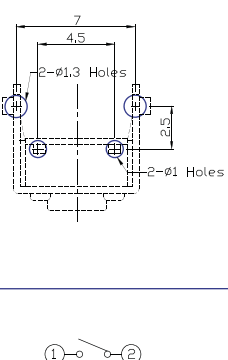
Model Code Descriptions

Vertical Pushing Models		H	φA
		4.3	3.5
	AS	4.5	3.5
	A	5.0	3.5
IT-1102	AL	5.5	3.4
	Q	6.0	3.4
	QL	6.5	3.4
	B	7.0	3.4
	E	7.3	3.4
IT-1102S	EL	7.5	3.4
	C	8.0	3.4
	CL	8.5	3.4
	DS	9.0	3.4
	D	9.5	3.4
IT-1102W	DL	10.0	3.0
	KS	10.5	3.0
	K	11.0	3.0
IT-1102V	NL	11.5	3.0
	FS	12.0	3.0
	F	12.5	3.0
	FL	13.0	3.0
	G	13.5	3.0
IT-1102P	O	14.0	3.0
	X	14.5	3.0
	Y	15.0	3.0
	Z	16.0	3.0
IT-1102RT	J	16.3	3.0
	I	17.0	3.0
	T	□ 2.4×2.4	
	TA	□ 2.8×2.8	



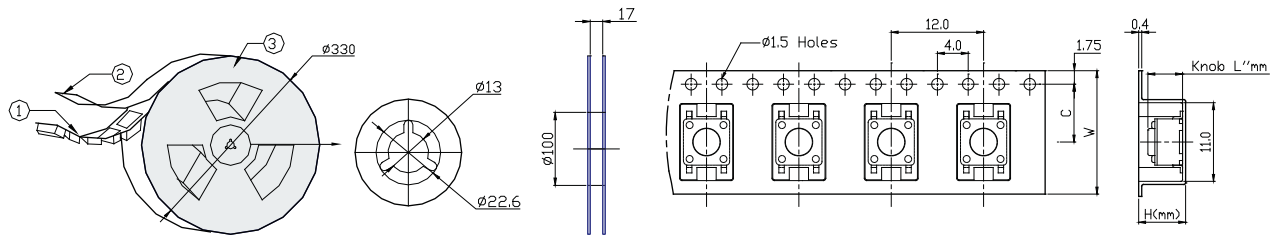
Horizontal Pushing Models		H1	H2	φA
		3.15	4.3	3.5
	AS	3.35	4.5	3.5
	A	3.85	5.0	3.5
IT-1102H	AL	4.35	5.5	3.4
	Q	4.85	6.0	3.4
	QL	5.35	6.5	3.4
	B	5.85	7.0	3.4
	E	6.15	7.3	3.4
IT-1102M	EL	6.35	7.5	3.4
	C	6.85	8.0	3.4
	CL	7.35	8.5	3.4
	DS	7.85	9.0	3.4
	D	8.35	9.5	3.4
IT-1102N	DL	8.85	10.0	3.0
	KS	9.35	10.5	3.0
	K	9.85	11.0	3.0
IT-1102NS	NL	10.35	11.5	3.0
	FS	10.85	12.0	3.0
	F	11.35	12.5	3.0
	FL	11.85	13.0	3.0
	G	12.35	13.5	3.0
IT-1102V	O	12.85	14.0	3.0
	X	13.35	14.5	3.0
	Y	13.85	15.0	3.0
	Z	14.85	16.0	3.0
IT-1102US	J	15.15	16.3	3.0
	I	15.85	17.0	3.0
	T	□ 2.4×2.4		
IT-1102US10	TA	□ 2.8×2.8		



No.	Model No.	Dimension Type	PCB Land Dimension Circuit Diagram
5	 <p>IT-1102H</p>		
6	 <p>IT-1102M</p>		
7	 <p>IT-1102N</p>		
8	 <p>IT-1102NS</p>		

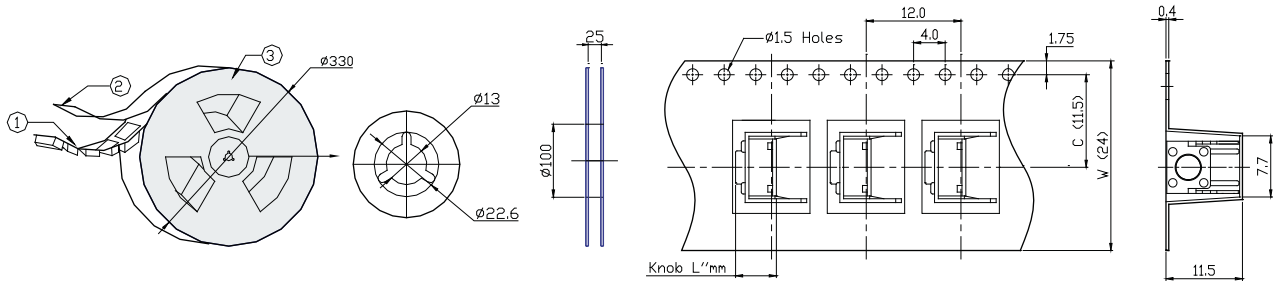
No.	Model No.	Dimension Type	Package Details
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IT-1102S / 1102W Series Tape & Reel Package Dimensions



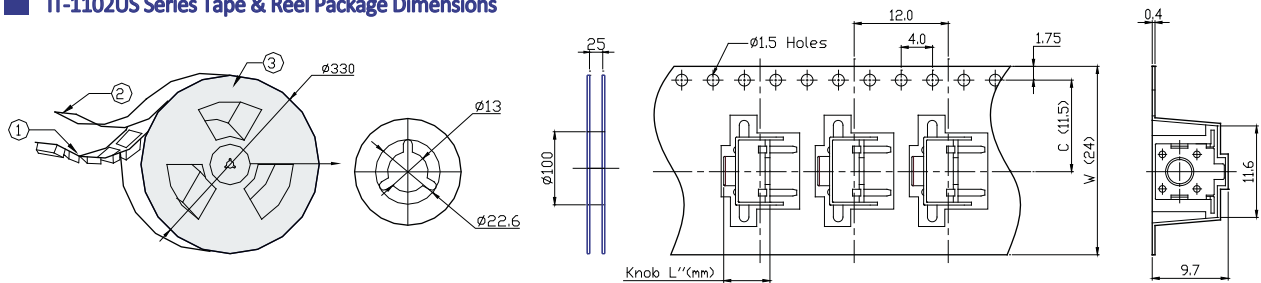
No.	Knob Length	W	C	Pitch	Min. Package Qty / Reel	Qty / Out-carton
1	4.3/4.5/5.0/5.5mm	16	7.5	12	1,000 pcs	20,000 pcs
2	6.0/6.5/7.0/7.3mm	24	11.5	12	700 pcs	14,000 pcs
3	8.0/8.5/9.0/9.5mm	24	11.5	12	500 pcs	8,000 pcs
4	10.0/10.5/11.0/11.5/12.0/12.5mm	24	11.5	12	450 pcs	7,200 pcs

IT-1102NS Series Tape & Reel Package Dimensions



No.	Knob Length	W	C	Pitch	Min. Package Qty / Reel	Qty / Out-carton
1	4.3/4.5/5.0/5.5mm	24	11.5	12	500 pcs	8,000 pcs

IT-1102US Series Tape & Reel Package Dimensions



No.	Knob Length	W	C	Pitch	Min. Package Qty / Reel	Qty / Out-carton
1	4.3/4.5/5.0/5.5mm	24	11.5	12	600 pcs	8,400 pcs
2	6.0/6.5/7.0/7.3mm	24	11.5	12	500 pcs	7,000 pcs
3	8.0/8.5/9.0/9.5mm	24	11.5	12	500 pcs	7,000 pcs
4	10.0/10.5/11.0/11.5/12.0/12.5mm	24	11.5	12	450 pcs	6,300 pcs