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Tact Switch	Surface	THAF01		Horizontal Push	3.5	3	1.4	—	○	4Kpcs/Reel	2
		TVAF02		Miniature	3.5	3	1.8	—	○	3Kpcs/Reel	
		TVAF03		Miniature	3.35	3.35	1.5/2.0	○	○	4Kpcs/Reel	3
		THAM04		Horizontal Push	4.6	2.3	1.8	—	○	3Kpcs/Reel	4
		THAM05		Horizontal Push	4.6	2.3	1.8	—	○	3Kpcs/Reel	
		TVAF06		Miniature	3.9	2.9	2.0	—	○	3Kpcs/Reel	5
		TVAU07		Miniature	3.9	2.9	2.0	—	○	3Kpcs/Reel	
		THAU08		Horizontal Push	3.9	2.9	1.5	—	○	4Kpcs/Reel	6
		THAF09		Horizontal Push	3.9	2.9	1.5	—	○	4Kpcs/Reel	
		TVAU10		Compact High Operting Force	4.2	3.2	2.5	—	○	3Kpcs/Reel	7
		TVAF11		Compact High Operting Force	4.2	3.2	2.5	—	○	3Kpcs/Reel	
		THAM12		Horizontal Push	4.5	2.56	3.3	—	○	2Kpcs/Reel	8
		THAU13		Horizontal Push	4.7	3.5	1.6	—	○	3Kpcs/Reel	9
		THAF14		Horizontal Push	4.7	3.5	1.6	—	○	3Kpcs/Reel	
		TVAU15		Miniature	4.7	3.5	2.1/2.5	○	○	4Kpcs/Reel	10
		THAM16		Embedded	5.7	2.5	3.5	—	○	2Kpcs/Reel	11
		TVAF17		Miniature	3.35	3.35	0.85	○	○	5Kpcs/Reel	12
		TVAF18		Miniature	3.1	3.1	0.75	—	○	5Kpcs/Reel	13
		TVAU19-H		Miniature	3	2.7	0.65	—	○	10Kpcs/Reel	14
		TVAU19-N		Low-Profile	3	2.7	0.55	—	○	10Kpcs/Reel	
		THAM20		Horizontal Push	4.0	2.0	1.5	—	○	3Kpcs/Reel	15
		THAM21		Horizontal Push	4.6	2.4	1.7	—	○	3Kpcs/Reel	16
		TVAU22		Miniature	3.7	3.7	0.35	—	○	10Kpcs/Reel	17
		TVAU23		Miniature	4.7	3.5	2.5	—	○	3Kpcs/Reel	18
		TVAF24		Miniature	4.7	3.5	2.5	—	○	3Kpcs/Reel	

Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth	Halogen -Free	Package	Page
Tact Switch < B Series>	Surface Mount	TVBM01		Soft Feeling	6.3	3.7	2.5	—	—	3Kpcs/Reel	20
		THBM02		Horizontal Push	7.0	2.5	3.5	—	○	2Kpcs/Reel	21
		THBM03		Horizontal Push	7.0	2.5	3.5	—	○	2Kpcs/Reel	
		THBM05		Horizontal Push	6.1	4.0	1.8	—	—	2Kpcs/Reel	23
		TVBR14			6.0	3.5	4.3/5.0	—	○	1.5Kpcs/Reel	24
		TVBF09			6.0	3.5	4.3/5.0	—	○	1.5Kpcs/Reel	25
		TVBU10			6.0	3.5	4.3/5.0	—	○	1.5Kpcs/Reel	

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Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < B Series >	Surface Mount	TVBM11			6.0	3.5	4.3/5.0	—	○	1.5Kpcs/Reel	26
		TVBM17		Dust-Proof	6.1	3.7	2.5	○	○	3Kpcs/Reel	28
		TVBF18		Dust-Proof	6.1	3.7	2.5	○	○	3Kpcs/Reel	
		TVBU19		Dust-Proof	6.1	3.7	2.5	○	○	3Kpcs/Reel	
		TVBM20			6.1	3.5	2.5	—	—	3Kpcs/Reel	29
		TVBF22		Normal Closed	6.0	3.8	2.6	—	○	3Kpcs/Reel	30
		TVBF23		Normal Closed	6.0	3.8	2.6	—	—	3Kpcs/Reel	31
	Snap-in	THBP04		Horizontal Push	6.0	3.5	3.5	—	—	1Kpcs/Bulk	22
		THBP07		Horizontal Push	7.3	6	4.3	—	—	1Kpcs/Bulk	
		TVBP06			6.0	3.5	4.3/5.0	—	○	1Kpcs/Bulk	24
		TVBJ12			6.0	3.5	4.3/5.0	—	○	1Kpcs/Bulk	
		TVBP21			6.1	3.5	2.5	—	—	1Kpcs/Bulk	29

Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < C Series>	Surface Mount	TVCM01			4.5	4.5	3.8~7.0	—	○	2Kpcs/Reel (H=3.8/4.3/5.0) 800pcs/Reel (H=6.0/7.0)	33
		TVCM04		Low-Profile	4.5	4.3	1.6	—	○	4Kpcs/Reel	34
		TVCU05		Low-Profile	4.5	4.5	0.5	—	○	10Kpcs/Reel	35
		TVCU06		Low-Profile	4.5	4.5	0.4	—	○	10Kpcs/Reel	36
		TVCM08		Dust-Proof	4.5	4.5	1.5	—	○	4Kpcs/Reel	37
		TVCM09		Low-Profile	4.5	4.5	0.55	—	○	5Kpcs/Reel	38
		TVCM10		Low-Profile	4.5	4.5	0.55	—	○	10Kpcs/Reel	39
		TVCU11		Low-Profile	5.2	5.2	0.9	○	○	4Kpcs/Reel	40
		TVCU12		Low-Profile	5.2	5.2	0.8	—	○	5Kpcs/Reel	
		TVCU13		Low-Profile	4.8	4.8	0.55	—	○	5Kpcs/Reel	41
		TVCU14		Low-Profile	4.8	4.8	0.5	—	○	5Kpcs/Reel	42
		TVCM15		Dust-Proof	5.2	5.2	1.0	○	○	4Kpcs/Reel	43
		TVCM16		Dust-Proof	5.2	5.2	1.5~4.3	○	○	4Kpcs/Reel	44
		TVCM17		Dust-Proof	5.2	5.2	1.5~4.3	○	○	4Kpcs/Reel	
		TVCU18		Dust-Proof	5.2	5.2	1.5	○	○	4Kpcs/Reel	45
		TVCF19		Dust-Proof	5.2	5.2	1.5	○	○	4Kpcs/Reel	
		TVCF20		Normal Closed	6.2	5.0	1.6	—	—	3Kpcs/Reel	46
	Snap-in	TVCP02			4.5	4.5	3.8~7.0	—	○	1Kpcs/Bulk	33
		TVCP03			4.5	4.5	3.8~7.0	—	○	1Kpcs/Bulk	

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Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < D Series>	Surface Mount	THDM03		Horizontal Push	6.0	6.0	7.4	—	○	400pcs/Bulk	49
		TVDM04			6.0	6.0	4.3~17.0	—	○	1Kpcs/Reel (H=4.3/5.0) 750pcs/Reel (H=7.0)	51
		TVDM04-G73			6.0	6.0	7.3	—	○	500pcs/Reel (H=8.5/9.5)	
		THDM13		Horizontal Push	7.5	6.55	8.1	—	—	500pcs/Reel	55
		TVDM22		Long-Life	6.2	6.2	7.3	—	—	700pcs/Reel	61
	Snap-in	TVDP01			6.0	6.0	4.3~17.0	○	—	1Kpcs/Bulk	48
		TVDP01-G73			6.0	6.0	7.3	○	○	1Kpcs/Bulk	
		TVDP02			6.0	6.0	4.3~9.5	—	○	1Kpcs/Bulk	
		TVDP05			6.0	6.0	4.3~17.0	—	—	1Kpcs/Bulk	50
		TVDJ06			6.0	6.0	4.3~7.0	—	—	1Kpcs/Bulk	52
		THDP07		Horizontal Push	7.5	6.55	4.3~7.0	—	—	1Kpcs/Bulk	
		THDP08		Horizontal Push	7.5	6.55	7.1	—	—	1Kpcs/Bulk	53
		THDP09		Horizontal Push	7.5	6.55	7.1	—	—	1Kpcs/Bulk	
		THDP10		Horizontal Push	7.5	6.35	7.1	—	—	1Kpcs/Bulk	
		THDP11		Horizontal Push	7.5	7.5	7.0	—	—	1Kpcs/Bulk	54
		THDP12		Horizontal Push	6.2	6.2	11.25	—	—	500pcs/Bulk	
		TVDP20		Long-Life	6.2	6.2	5.5~6.0	—	—	1Kpcs/Bulk	60
		TVDP21		Long-Life	6.2	6.2	1.5~4.3	—	—	1Kpcs/Bulk	61
		TVDP23		Long-Life	6.3	6.3	3.5	—	—	1Kpcs/Bulk	62
		THDP24		Long-Life	7.4	7.7	6.4	—	—	1Kpcs/Bulk	63

Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < E Series>	Surface Mount	TVEU01			6.4	6.2	2.0/2.5/3.1	—	○	1.5Kpcs/Reel	65
		TVEF02			6.4	6.2	2.0/2.5/3.1	○	○	1.5Kpcs/Reel	
		TVEM03		Non-rotating stem	6.2	6.2	3.1	○	○	1.5Kpcs/Reel	66
		TVEM04		Dust-Proof	6.2	6.2	3.1/5.0	○	○	1.5Kpcs/Reel	67
		TVEM05			6.2	6.2	2.5/3.1/3.4	○	○	1.5Kpcs/Reel	68
		TVEM06			6.2	6.2	1.4	—	○	1.5Kpcs/Reel	69
		TVEF09		Normal Closed	6.2	6.2	3.7	○	—	1.5Kpcs/Reel	71
		TVEJ10		Middle-travel	6.2	6.2	3.5	—	○	1.5Kpcs/Reel	72
		TVEM11		Middle-travel	6.2	6.2	3.5	—	○	1.5Kpcs/Reel	

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Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < E Series >	Surface Mount	TVEF13			6.2	6.2	2.5/3.1	—	○	2Kpcs/Reel (H=2.5) 1.5Kpcs/Reel (H=3.1)	74
		TVEU14			6.2	6.2	2.5/3.1	—	○	2Kpcs/Reel (H=2.5) 1.5Kpcs/Reel (H=3.1)	
		TVEU15			6.2	6.2	4.3	—	○	1Kpcs/Reel	75
	Snap-in	TVEP07			6.2	6.2	2.5/3.1/3.4	○	○	1Kpcs/Bulk	70
		TVEJ08			6.2	6.2	2.5/3.1/3.4	○	○	1Kpcs/Bulk	
Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < F Series>	Surface Mount	TVFU01		Long-travel	6.0	6.0	5.0	—	○	1Kpcs/Reel	77
		TVFM02		Long-travel	6.0	6.0	5.0	—	○	1Kpcs/Reel	
		TVFU03		Long-travel	6.0	6.0	5.0	—	○	1Kpcs/Reel	78
		TVFM04		Long-travel	6.0	6.0	6.5	—	○	1Kpcs/Reel	79
		TVFM05		Long-travel	6.0	6.0	5.0	—	○	1Kpcs/Bulk	80
	Snap-in	TVFP12		Long-travel	6.0	6.0	5.0	—	○	1Kpcs/Reel	
		TVFP10		Long-travel	7.8	7.8	5.0	—	—	1Kpcs/Bulk	81
		TVFT11		Long-travel	7.8	7.8	5.1	—	—	800pcs/Box	
Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < G Series>	Surface Mount	TVGM03			12.0	12.0	4.3~7.0	—	○	40pcs/Tube 700pcs/Reel (H=4.3/5.0) 600pcs/Reel (H=6.0) 500pcs/Reel (H=7.0/7.3)	85
	Snap-in	TVGP01			12.0	12.0	4.3~17.0	—	○	500pcs/Bulk	83
		TVGP01-□G73			12.0	12.0	7.3	—	○	500pcs/Bulk	
		TVGP02			12.0	12.0	4.3~17.0	—	○	500pcs/Bulk	84
		TVGM06			12.0	12.0	12.0	—	○	500pcs/Bulk	86
		THGP07			13.1	10.1	15.6	—	○	500pcs/Bulk	87
Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < H Series >	Surface Mount	TMHF01		Double Action	6.4	6.0	1.5	—	○	3Kpcs/Reel	89
		TMHU02		Double Action	6.4	6.0	3.0/3.8	—	○	2Kpcs/Reel	
		TMHF03		Double Action	4.7	3.6	1.3	○	○	3Kpcs/Reel	90
		TMHF04		Double Action	5.5	5.0	1.7	—	○	2Kpcs/Reel	91
		TMHU05		Double Action	4.3	4.1	0.6	○	○	10Kpcs/Reel	92
		TMHF07		Double Action	6.5	6.2	2.0/3.8	—	○	1Kpcs/Reel	93
		TMHU08		Double Action	3.9	4.1	0.6	○	○	10Kpcs/Reel	94
		TMHU09		Double Action	5.7	3.7	3.5	—	○	1.2Kpcs/Reel	95

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Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < H Series >	Surface Mount	TMHF34		Double Action	3.5	3.2	0.6	○	○	10Kpcs/Reel	96
		TMHU35		Double Action	4.1	3.9	0.6	○	○	10Kpcs/Reel	97
		TMHF36		Double Action	4.5	2.4	3.0	—	○	3.4Kpcs/Reel	98
	Multiway	TMHU10		4-direction & center-push	6.2	6.0	4.5/5.0	—	—	1Kpcs/Reel	99
		TMHF11		4-direction & center-push	6.7	6.7	5.0	○	—	1Kpcs/Reel	100
		TMHU12		4-direction & center-push	6.5	6.1	5.0	○	○	1.2Kpcs/Reel	101
		TMHU13		4-direction & center-push	7.5	7.5	5.0	○	—	1Kpcs/Reel	102
		TMHM14		4-direction & center-push	10.4	10.0	5.0	—	—	1Kpcs/Reel	103
		TMHM15		8-section	11.5	11.0	4.25	○	—	900pcs/Reel	104
		TMHM16		4-direction & center-push	10.7	10.0	6.50	—	—	650pcs/Reel	105
		TMHP17-071		4-direction	10.0	10.0	7.10	—	—	500pcs/Reel	106
		TMHU18-071		4-direction	10.0	10.0	7.10	—	—	750Kpcs/Reel	
		TMHP17-100		4-direction & center-push	10.0	10.0	10.0	—	—	500pcs/Reel	
		TMHU18-086		4-direction & center-push	10.0	10.0	8.6	—	—	600pcs/Reel	
		TMHU21-058		4-direction & center-push	7.8	7.8	5.8	—	○	1Kpcs/Reel	107
		TMHU21-051		4-direction & center-push	7.8	7.8	5.1	—	○	1Kpcs/Reel	
		TMHU23		4-direction & center-push	9.8	9.8	1.55	—	○	1.5Kpcs/Reel	108
		TMHU24		4-direction & center-push	9.8	9.8	5.0	—	○	1Kpcs/Reel	109
		TMHU25		4-direction & center-push	11.5	9.95	5.85	—	—	600pcs/Reel	110
	Control SW	TMHU26		Push & Lever	11.8	11.7	2.5	—	○	1Kpcs/Reel	111
		TMHU27		Push & Lever	12.0	11.8	2.5	—	○	1Kpcs/Reel	112
		TMHU28		Push & Lever	11.8	11.3	3.0	—	○	1Kpcs/Reel	113
		TMHU29		Push & Lever	11.8	11.4	3.0	—	○	1Kpcs/Reel	
		TMHM30		Push & Lever	8.8	11.1	2.9	○	○	1.5Kpcs/Reel	114
		TMHM31		Push & Lever	8.8	10.9	2.9	○	○	1.5Kpcs/Reel	
		TMHU32		Push & Lever	9.5	8.15	2.2	○	○	1.5Kpcs/Reel	115
		TMHU33		Push & Lever	9.5	8.8	2.2	○	○	1.5Kpcs/Reel	
		TMHF37		360° rotation	10.5	9.0	6.4	—	—	500pcs/Reel	116

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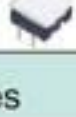
Tact Switch < I Series >	Snap-in	LS601		illuminated	6.0	6.0	7.2	—	—	200pcs/Tray	118
		LS602		illuminated	7.5	7.5	8.2	—	—	150pcs/Tray	
		LS603		illuminated	7.5	7.5	8.2	—	—	150pcs/Tray	119
		LS604		illuminated	10.0	10.0	8.5	—	—	150pcs/Tray	
		LS605		illuminated	6.0	6.0	8.5	—	—	200pcs/Tray	120
		LS606		illuminated	7.5	7.5	9.6	—	—	150pcs/Tray	
		LS607		illuminated	11.6	11.1	10.0	—	—	150pcs/Tray	121
		LS608		illuminated	11.6	11.1	10.8	—	—	150pcs/Tray	
		LS609		illuminated	10.0	10.0	9.7	—	—	150pcs/Tray	122
		LS610		illuminated	f10		9.4	—	—	150pcs/Tray	
		LS611		illuminated	6.0	6.0	7.0	—	—	200pcs/Tray	123
		LS612		illuminated	6.0	6.0	7.2	—	—	200pcs/Tray	
		LS613		illuminated	10.0	10.0	10.0	—	—	150pcs/Tray	124
		LS614		illuminated	10.0	10.0	10.0	—	—	150pcs/Tray	
		LS616		illuminated	f14		10.0	—	—	100pcs/Tray	125
		LS1201		illuminated	12.0	12.0	7.3	—	—	100pcs/Tray	126
		LS1202		illuminated	12.0	12.0	8.0	—	—	100pcs/Tray	127

Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch < J Series >	Surface Mount	TVEJ12-□031		Washable	6.2	6.2	3.1	—		1.5Kpcs/Reel	73
		TVEJ12-□052		Washable	6.2	6.2	5.0	—		1.5Kpcs/Reel	
		TVEJ12-□023		Washable	6.2	6.2	2.3	—		1.5Kpcs/Reel	
	Snap-in	TVJP01		Sealed	6.0	6.0	4.3/5.0/7.0	—		1Kpcs/Bulk	129
		TVJU02		Sealed	6.8	6.8	4.2	—		1Kpcs/Bulk	130
		THJP03		Sealed	8.0	6.0	8.0	—		500pcs/Bulk	131
		TVJP04		Sealed	8.0	8.0	4.7~10.0	—		500pcs/Bulk	
		THJP05		Sealed	7.45	5.0	7.45	—		500pcs/Bulk	132
		TVJP06		Sealed	7.20	7.20	2.70	—		500pcs/Bulk	
		TVJP09		Washable	10.0	10.0	5.0	—		500pcs/Bulk	134
		THJP10		Washable	11.5	11.1	11.0	—		500pcs/Bulk	
		TVJP11		Washable	10.0	10.0	13/23.2	—		500pcs/Bulk	135
		TVJP12		Washable	10.0	10.0	33.6	—		200pcs/Bulk	136

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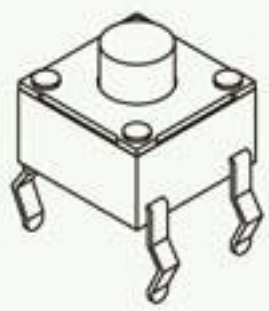
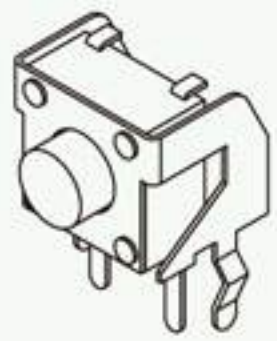
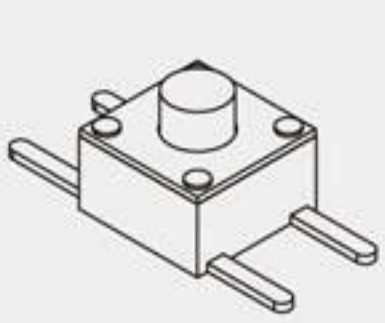
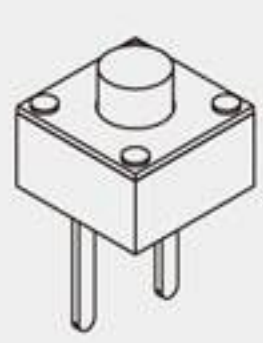
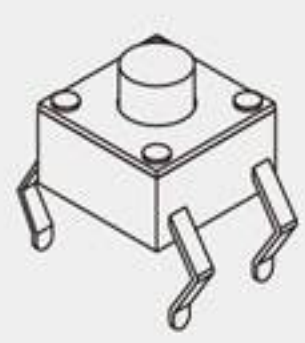
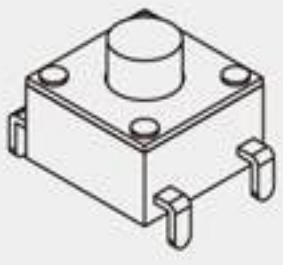
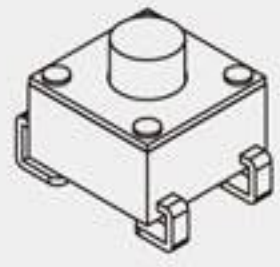
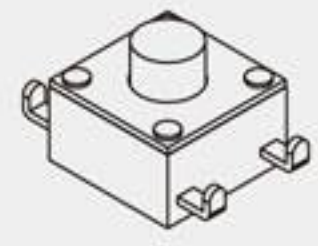
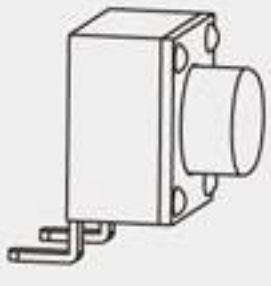
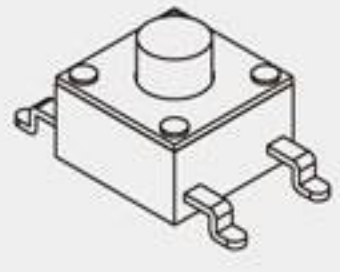
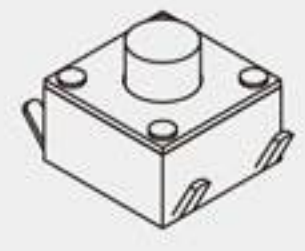
Tact Switch		LS615		Washable & Light	6.8	6.8	10.2	—	—	150pcs/Tray	125
		TVJP13		Washable	6.0	6.0	4.3~9.5	—		1Kpcs/Bulk	137
		TVJP14		Washable	8.0	8.0	6.5~13.0	—		1Kpcs/Bulk	138
		TVJP15		Washable	12.0	12.0	6.5~12.0	—		500pcs/Bulk	139
Item	Type	Series		Features	Dimensions(mm) W	D	H	Earth Terminal	Halogen -Free	Package	Page
Tact Switch	Radial	THBT15		Horizontal Push	7.3	6.0	4.3	—	—	1Kpcs/Box	27
		TVBT16			6.0	3.5	4.3/5.0	—	—	1Kpcs/Box	
		THDT14		Horizontal Push	7.4	9.25	7.1	—	—	700pcs/Box	56
		TVDT17			6.0	6.0	4.3~9.5	—		1Kpcs/Box	57
		TVDT18		Circle	⌀6		4.3~5.0	—		1Kpcs/Box	58
		THDT19		Horizontal Push	7.3	6.85	7.1	—		700pcs/Box	59
		TVJP07		Washable	⌀10		13.0	—		1Kpcs/Box	133
		TVJP08		Washable	8.0	8.0	13.0	—		1Kpcs/Box	

TERMINAL TYPE

When order switch, please refer to the following illustration for your terminal choice

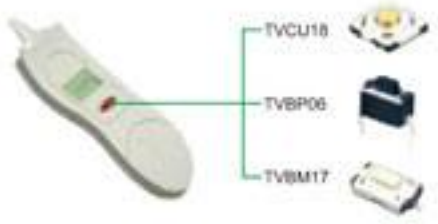
Vertical	Horizontal
	

Terminal Type

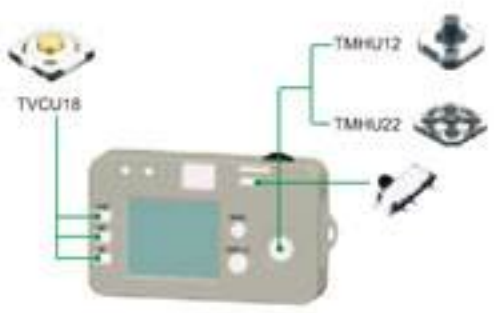
 F: Flat Terminal	 T: Tapping	 P: Through Hole Terminals
 J: J type	 J: J type	 R: Reverse Lead
 M: S.M.T	 M: S.M.T	 U:U type

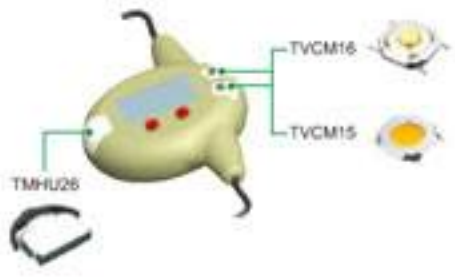
APPLICATION

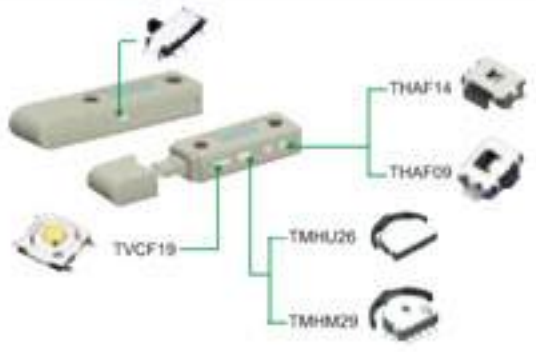
Medical Products



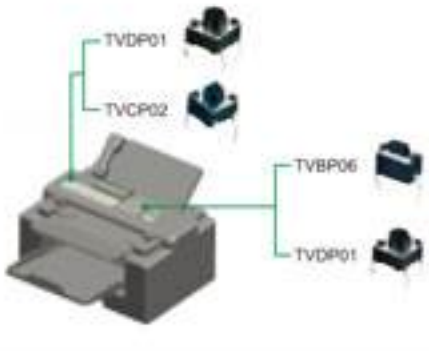
AV Products

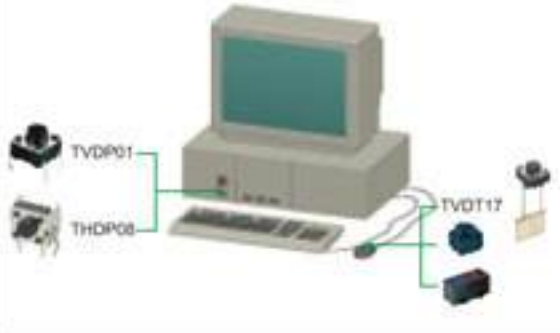






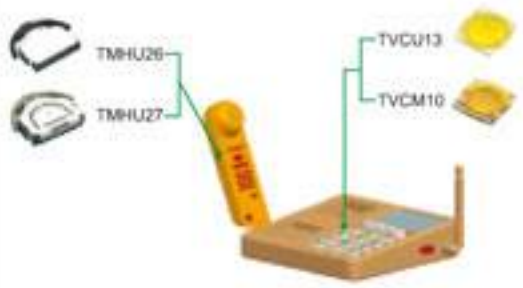
Information Equipment Products

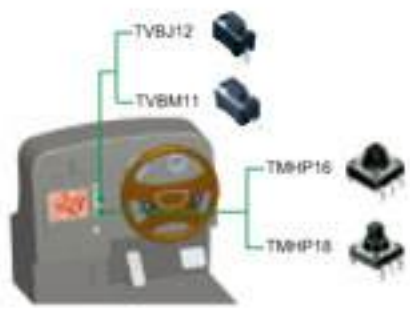


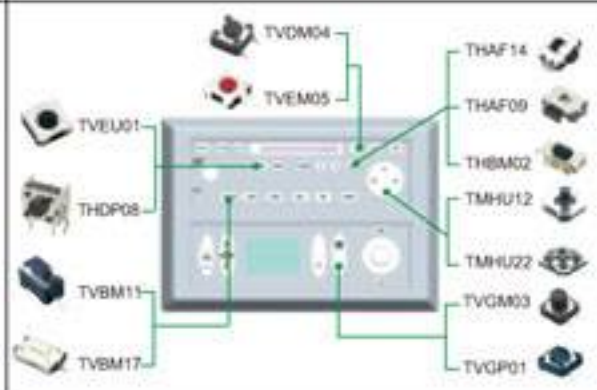


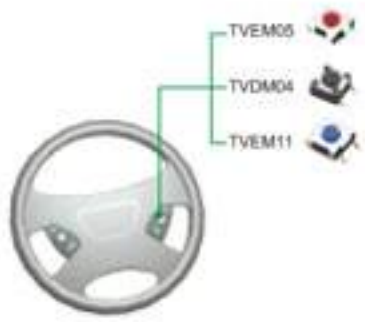
APPLICATION

Information Equipment Products

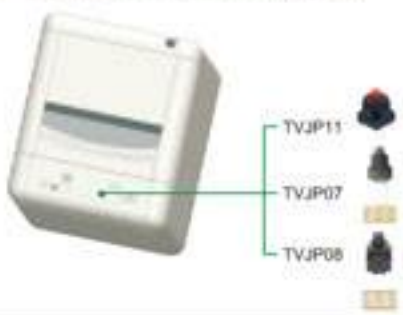


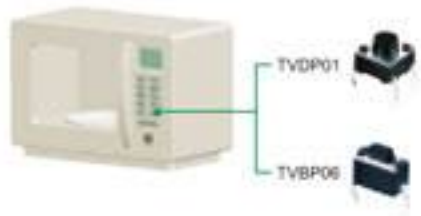


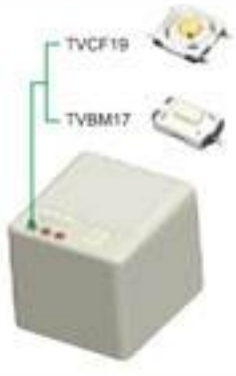


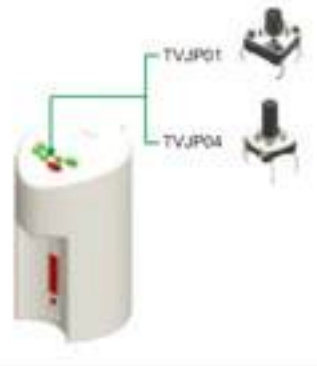


White Goods Products









CAUTION

Caution

1.Note that terminals might suffer deformation of the switch and the defects in electrical performance, if the load is applied to the terminals during soldering.

2.If you use a through-hole PC board or a PC board thinner or thicker than the recommendation, here may be greater heat stress. Verify the soldering conditions thoroughly before use.

3.When soldering twice, wait until the first soldered portion cools to normal temperature. Continuous heating will deform the external portions, loosen or dislodge terminals, or may deteriorate their electrical characteristics.

4.Verify soldering conditions under actual mass production conditions.

5.This product is designed and manufactured assuming that it is to be used with the resistance for direct current. If you use other kinds of resistance [inductive (L) or capacitive (C)], consult with us beforehand.

6.For the sizes of holes and patterns on a PC board for mounting a switch, refer to the recommended dimensions in the outline drawings.

7.This switch is designed for maunally operated units. Do not use this switch in a mechanical detection unit. For detection purposes, please use our detection switch.

8.The switch will be break if you apply a greater stress than that specified. Take great care not to let the switch be subject to greater stress than specified.

9.Do not press the side of the stem.

10.Be sure to push the center position of a flat stem switch. Extreme care is required for a hinge structure type because the stem press position moves when it is pressed.

11.If you put the board with the switch in the oven so as to harden adhesive for other parts, consult with us.

12.When corrosive gas is generated by a peripheral material of a product using the TACT switch, malfunctions such as imperfect contacts can occur. Check this point thoroughly in advance.

13.The contact resistance of a rubber contact type changes depending on pressure load. Confirm that it functions sufficiently when you use this TACT switch with a voltage divider circuit.

14.Be aware of dust intrusion into an unsealed-type TACT switch.

15.Storage method

(1) If you do not use the product immediately, store it just as delivered in the following environment: with neither direct sunshine nor corrosive gas and in normal temperatures. However, it is recommended that you should use it as soon as possible or within six months from the date of delivery at the most.

(2) After you break the seal, you should put the remainder in a plastic bag to shut out outside air, and store it in the same environment mentioned above. You should use it up as soon as possible.

(3) Do not stack too many switches for safety.

(4) Store the key switches with the switch in the released position.