

TACT Switch™

List of Varieties

TACT Switch™















Sharp Feeling Type

Soft Feeling Type

Snap-in Type

Surface Mount Type

Radial Type















Type		Sharp Feeling Type						
		Snap-in						
Series		SKHL	SKHH	SKHW	SKQJ	SKQB	SKQE	SKHC
Photo								
Features		—	—	—	—	—	Long-life	—
Water-proof		—	—	—	—	●	—	—
Dust-proof		—	—	●	●	●	●	—
IP standard		—	—	—	—	—	—	—
Operating direction	Top push	●	●	●	●	●	●	●
	Side push	—	—	—	—	—	—	—
Dimensions (mm)	W	6	□6		□6.6	□10	□12	
	D	3.5						
	H	4.3/5	See the relevant pages for respective product descriptions		4.3/5	5	5/13/23.2	
Operation force coverage	1N max.	↕	↕	↕	↕	↕	↕	↕
	1N to 2N							
	2N to 3N							
	3N to 4N							
	4N to 5N							
Travel (mm)		0.25		0.3	0.25	0.3		
Ground terminal		—	●	—	—	—	—	—
Operating temperature range		-40°C to +90°C			-20°C to +70°C	-40°C to +90°C		-40°C to +85°C
Automotive use		●	●	—	—	●	—	—
Life Cycle								
Electrical performance	Rating (max.) (Resistive load)	50mA 12V DC						
	Rating (min.) (Resistive load)	10μA 1V DC						
	Insulation resistance	100MΩ min. 100V DC 1min.						
	Voltage proof	250V AC 1min.						
Durability	Vibration	10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively						
	Lifetime	Shall be in accordance with individual specifications.						
Environmental performance	Cold	-40°C 96h			-30°C 96h	-40°C 96h		
	Dry heat	90°C 96h			80°C 96h	90°C 96h		
	Damp heat	60°C, 90 to 95%RH 96h				60°C, 90 to 95%RH 1,000h	60°C, 90 to 95%RH 96h	
Page		195	197	201	202	204	206	208

W : Width. The most outer dimension excluding terminal portion.
D : Depth. The most outer dimension excluding terminal portion.
H : Height. The minimum dimension if there are variances.

TACT Switch™ Soldering Conditions 265
TACT Switch™ Cautions 266

Notes

- The automotive operating temperature range to be individually discussed upon request.
- Indicates applicability to all products in the series.

Type		Sharp Feeling Type						
		Snap-in				Radial		
Series		SKHL	SKHH	SKQJ	SKQB	SKRG	SKQK	SKRC
Photo								
Features		—	—	—	—	Round terminal type	—	Round terminal type
Water-proof		—	—	—	●	—	—	●
Dust-proof		—	—	●	●	—	—	●
IP standard		—	—	—	—	—	—	—
Operating direction	Top push	—	—	—	—	●	●	●
	Side push	●	●	●	●	—	—	—
Dimensions (mm)	W	7.3	7.5	7.5	11.5	φ6.2	□6.6	φ9
	D	7.22	7.85	7.85	11.9			
	H	4.3	7.4	7.3	11.3	See the relevant pages for respective product descriptions	5	13
Operation force coverage	1N max.	↕	↕	↕	↕	↕	↕	↕
	1N to 2N							
	2N to 3N							
	3N to 4N							
	4N to 5N							
Travel (mm)		0.25			0.3	0.25		
Ground terminal		●	●	—	—	—	—	—
Operating temperature range		-40°C to +90°C		-20°C to +70°C	-40°C to +95°C	-40°C to +90°C	-20°C to +70°C	-30°C to +85°C
Automotive use		●	●	—	●	●	—	—
Life Cycle								
Electrical performance	Rating (max.) (Resistive load)	50mA 12V DC						
	Rating (min.) (Resistive load)	10μA 1V DC						
	Insulation resistance	100MΩ min. 100V DC 1min.						
	Voltage proof	250V AC 1min.						
Durability	Vibration	10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively						
	Lifetime	Shall be in accordance with individual specifications.						
Environmental performance	Cold	-40°C 96h		-30°C 96h	-40°C 96h		-30°C 96h	-40°C 96h
	Dry heat	90°C 96h		80°C 96h	90°C 96h		80°C 96h	90°C 96h
	Damp heat	60°C, 90 to 95%RH 96h			60°C, 90 to 95%RH 1,000h	60°C, 90 to 95%RH 96h		60°C, 90 to 95%RH 1,000h
Page		195	197	202	204	251	253	254

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TACT Switch™ Soldering Conditions	265
TACT Switch™ Cautions	266

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Soft Feeling

Snap-In Type

Surface Mount Type

Radial Type

Type		Soft Feeling Type								
		Snap-in			Surface Mount				Radial	
Series		SKEG	SKEG	SKPF	SKPS	SKPM	SKPG	SKPR	SKPL	SKPD
Photo										
Features		—	—	High operation force Long travel	Low contact resistance	Low contact resistance	—	High operation force Low contact resistance	Round terminal Low contact resistance	—
Water-proof		—	—	—	—	—	—	—	—	—
Dust-proof		—	—	—	—	—	—	—	—	—
IP standard		—	—	—	—	—	—	—	—	—
Operating direction	Top push	●	—	●	●	●	●	●	●	●
	Side push	—	●	—	—	—	—	—	—	—
Dimensions (mm)	W	□6	7.5	8	5.9		6.6	7.5	φ6.45	□7.8
	D		9.9	9	6		6.3	7.8		
	H	See the relevant pages for respective product descriptions	7.3	10	5		6.5	5	See the relevant pages for respective product descriptions	
Contact		Carbon			Silver		Carbon	Silver		Carbon
Operation force coverage	1N max.	↕	↕	↕	↕	↕	↕	↕	↕	↕
	1N to 2N	↕	↕	↕	↕	↕	↕	↕	↕	↕
	2N to 3N	↕	↕	↕	↕	↕	↕	↕	↕	↕
	3N to 4N	↕	↕	↕	↕	↕	↕	↕	↕	↕
Travel (mm)		1		See the relevant pages for respective product descriptions	1.05	1.3		1	1.3	See the relevant pages for respective product descriptions
Ground terminal		—	—	—	—	—	—	—	—	—
Operating temperature range		-20°C to +70°C			-40°C to +90°C					
Automotive use		●	●	●	●	●	●	●	●	●
Life Cycle										
Electrical performance	Rating (max.) (Resistive load)	5mA 12V DC			50mA 16V DC		5mA 12V DC	50mA 16V DC		5mA 12V DC
	Rating (min.) (Resistive load)	10μA 1V DC								
	Insulation resistance	100MΩ min. 100V DC 1min.								50MΩ min. 100V DC 1min. SKPDAF: 100MΩ min. 100V DC 1min.
	Voltage proof	250V AC 1min.								100V AC 1min. SKPDAF: 250V DC 1min.
Durability	Vibration	10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively								
	Lifetime	Shall be in accordance with individual specifications.								
Environmental performance	Cold	-30°C 96h	-40°C 96h	-40°C 1,000h		-40°C 96h	-40°C 1,000h		-40°C 96h	
	Dry heat	80°C 96h		90°C 96h		90°C 1,000h		90°C 96h		
	Damp heat	60°C, 90 to 95%RH 96h			60°C, 90 to 95%RH 1,000h		60°C, 90 to 95%RH 96h	60°C, 90 to 95%RH 1,000h		60°C, 90 to 95%RH 96h
Page		256		258	259	260	261	262	263	264

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