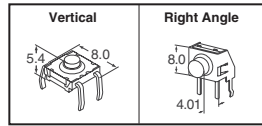


C&K KSI Series Sealed Tact Switches



Specifications:

Function: Momentary action **Contact Arrangement:** 1 make contact = SPST-NO **Distance Between Button Centers (minimum):** 7.62mm (0.300") **Terminals:** PC pins **Electrical:** Maximum Power: 1VA **Maximum Voltage:** 50VDC **Minimum Voltage:** 20mV **Maximum Current:** 50mA **Minimum Current:** 1mA **Operating Temperature:** -40°C - 90°C **Contact Material:** Silver plated

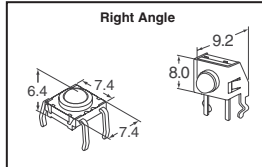


Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Vertical, 110gF, Totally Sealed	401-1796-ND	.51	.47	.43	KSI0M011LFT
Right Angle, 110gF, Totally Sealed	401-1798-ND	.65	.61	.56	KSI0V011LFT

KSJ Series Tact Switches, with Spherical Actuator, (Washable)



The KSJ long travel is a miniature tact switch using a single pole, normally open contact and is equipped with a spherical actuator. This new version is specially designed for applications where the actuation force can be off center approximately ±30° with regard to vertical and even be parallel to the PCB.



Circuit: SPST-NO

Switching: • Voltage Maximum: 50VDC • Current Maximum: 50mA

Operating Life: 10⁵ **Operating Force:** 100 Grams

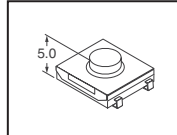
Operating Temperature: Silver: -40°C - 90°C; Gold: -40°C - 125°C

Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
300gF, Flux Sealed, Gold, Right Angle	401-1805-ND	1.53	1.42	1.30	KSJ0V431LFT

KST Series SMT Rubber Tact Switches



The KST is a miniature tact switch with a rubber actuator used to provide a tactile effect similar to the feeling given by the conductive rubber products and a travel which is more than twice the standard tact switch travel of the KSA or KSC product line.



Circuit: SPST-NO

Switching: • Voltage Maximum: 30V • Current Maximum: 50mA

Life Expectancy: 100,000 cycles

Operating Temperature: -40°C - 125°C

Description	Digi-Key Part No.	Cut Tape Price Each			T & R Pricing ‡	C&K Part No.
		1	25	100		
Tact Switch - 6.2mm sq. - 200gF, Gullwing	401-1103-1-ND	.29	.27	.25	—	KST221G
Tact Switch - 6.2mm sq. - 200gF, Gullwing	401-1847-1-ND	.54	.51	.46	300.56	KST221GLFS
Tact Switch - 6.2mm sq. - 200gF, J-Type	401-1848-1-ND	.54	.51	.46	300.56	KST221JLFS
Tact Switch - 6.2mm sq. - 350gF, Gullwing	401-1849-1-ND	.58	.54	.49	320.17	KST241GLFS
Tact Switch - 6.2mm sq. - 350gF, J-Type	401-1850-1-ND	.58	.54	.49	320.17	KST241JLFS

‡ For Tape and Reel part number, change CT-ND to TR-ND.

QSA Series 4-Way Switch



Features:

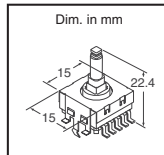
• Operational life is 100,000 operations • Excellent tactile feel • Only actuate one direction at a time • Provides logic level control **Applications:** • Seat Adjustments • Industrial controls • Mirror adjustment • Home entertainment • Multi-function steering wheel

Mechanical:

• Actuation Force: 3.5 ± 1N

Electrical:

• Switching Power Maximum: 0.20VA • Minimum/Maximum Switching Voltage: (VDC) 20mV/30V • Minimum/Maximum Switching Current: 1mA/50mA • Operating Temperature: -40°C - 85°C

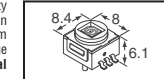


Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
4-Way Switch, SMT Version, 350gF	401-1597-ND	8.29	6.64	5.25	QSA4S 3.5N H1 G8

K5AT Series Lighted SMT Tact Switches



Features: • High Bright LEDs • Gold plated dome contact offering superior contact reliability in time • Excellent ergonomics: sharp tactile feel and audible click • Reduced space usage on board "2 in 1" **Typical Applications:** • Server, storage • Network infrastructure • Telecom • Medical **Electrical Specifications:** • Power Minimum/Maximum: 0.02VA/1.0VA • Voltage Min./Max.: 20mVdc - 32Vdc • Current Minimum/Maximum: 0.1mA - 100mA **Environmental Specifications:** • Operating Temperature: -40°C - 125°C



Description	Digi-Key Part No.	Cut Tape Price Each			T & R Pricing ‡	C&K Part No.
		1	25	100		
Green Illuminated, Mom., 400gF	CKN9416CT-ND	10.62	9.81	8.99	5292.54	K5ATGN43GP
White Illuminated, Mom., 400gF	CKN9417CT-ND	10.62	9.81	8.99	5292.54	K5ATWH43GP

‡ For Tape and Reel part number, change CT-ND to TR-ND.

K6 Series Tactile Switches

Follow the trend toward miniaturization. Distinctive tactile feel. High switching reliability. Custom designed button required.

Function: Momentary action

Circuit: SPST-NO

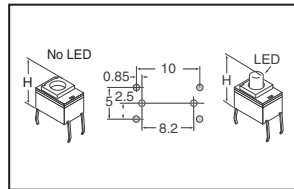
Switching: • Voltage Maximum: 30VDC • Current Maximum: 100mA

Contact Resistance: 50mΩ

Total Travel: 1.5mm

Contact Material: Gold over nickel

Operating Temperature: -40°C - 85°C



Description	Dim. H (mm)	Digi-Key Part No.	Price Each			C&K Part No.
			1	25	100	
300gF, No LED	8.4	401-1163-ND	1.36	1.10	.87	K6B 1.5 3N
300gF, Green-LED Illumination	12.3	401-1590-ND	1.78	1.65	1.51	K6BL GN 1.5 3N L306
300gF, Red-LED Illumination	12.3	401-1167-ND	1.81	1.45	1.15	K6BL RD 1.5 3N L352
300gF, Yellow-LED Illumination	12.3	401-1169-ND	1.81	1.45	1.15	K6BL YE 1.5 3N L327
500gF, No LED	8.4	401-1589-ND	1.48	1.37	1.26	K6B 1.5 5N
500gF, Yellow-LED Illumination	12.3	401-1170-ND	1.81	1.45	1.15	K6BL YE 1.5 5N L327

◆ RoHS Compliant

K12 Series Tactile Switches

Successful in measurement and control equipment, industrial electronics and automotive applications.

Function: Momentary action

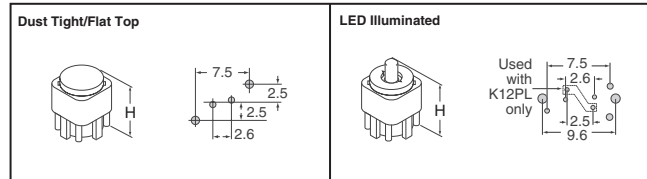
Circuit: SPST-NO

Switching: • Voltage Maximum: 30VDC • Current Maximum: 100mA

Contact Resistance: 50mΩ

Contact Material: Gold over nickel

Operating Temperature: -40°C - 85°C



Description	Dim. H (mm)	Digi-Key Part No.	Price Each			C&K Part No.
			1	25	100	
Round, 500gF, Dust Tight (Process Sealed)	12.0	401-1159-ND	3.27	2.62	2.07	K12C 1 5N
Round, 250gF, Dust Tight (Process Sealed)	12.0	401-1158-ND	3.27	2.62	2.07	K12C BK 1 2.5N
Flat Top, 500gF, Cap, Black	11.0	401-1157-ND	1.81	1.45	1.15	K12P BK 1.5 5
Flat Top, 250gF, Cap, Black	14.5	401-1587-ND	2.33	2.16	1.98	K12P BK 2 2.5N
350/700gF, Twin Contacts	14.5	401-1586-ND	2.40	1.92	1.52	K12GO NT 1.5 3.5-7N

◆ RoHS Compliant

ED and EDM Series Snap Domes



ED Series:

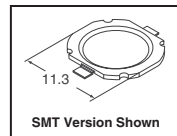
Disc contact is a momentary tact switch with short travel and good tactile feedback. Discs are a snap dome short travel dome contact for mounting directly on a PCB. Designed for low profile applications where end users want to use a customized overlay to go over these domes. PC mount leads or SMT terminals.

Function: Momentary action **Circuit:** SPST-NO **Switching:** • Voltage Maximum: Silver/ Gold 100VAC/DC • Current Maximum: Silver: 100mA, Gold: 50mA **Contact Resistance:** Silver: 10mΩ; Gold: 15mΩ **Total Travel:** 0.3mm **Operating Temperature:** -25°C - 70°C

EDM Series:

Discs are higher performance longer travel snap domes specifically designed for applications such as aircraft instrumentation, radio keypads or other demanding applications. PC mount leads or SMT terminals.

Function: Momentary action **Circuit:** SPST-NO **Switching:** • Voltage Maximum: 100VDC • Current Maximum: 50mA **Contact Resistance:** 15mΩ **Total Travel:** 0.4mm **Operating Temperature:** -55°C - 85°C



Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
ED Series Snap Domes					
With PC Pins, 240gF, Flux Sealed, Gold Plating	401-1920-ND	2.40	1.93	1.53	EDGAC0LFS
With PC Pins, 240gF, Fully Sealed, Gold Plating	401-1921-ND	2.40	1.92	1.52	EDGAC1LFS
With PC Pins, 240gF, Flux Sealed, Silver Plating	401-1924-ND	.96	.77	.61	EDSAC0LFS
With SMT Tabs, 240gF, Flux Sealed, Gold Plating	401-1922-ND	2.30	1.84	1.46	EDGSC0LFS
With SMT Tabs, 240gF, Fully Sealed, Gold Plating	401-1923-ND	2.40	1.92	1.52	EDGSC1LFS
With SMT Tabs, 240gF, Fully Sealed, Silver Plating	401-1927-ND	1.05	.84	.67	EDSSC1LFS
EDM Series Snap Domes					
With Tabs, 450gF, Gold Plating	401-1946-ND	4.39	3.52	2.78	EDM 450 G SC LFG
With Tabs, 450gF, Silver Plating	401-1947-ND	4.10	3.29	2.60	EDM 450 S SC LFS
With PC Pins, 450gF, Gold Plating	401-1948-ND	4.39	3.52	2.78	EDM 450 G AC LFS
With PC Pins, 450gF, Silver Plating	401-1949-ND	3.73	2.99	2.37	EDM 450 S AC LFS
With PC Pins, 650gF, Gold Plating	401-1950-ND	5.18	4.15	3.28	EDM 650 G AC LFS
With Tabs, 650gF, Gold Plating	401-1951-ND	5.18	4.15	3.28	EDM 650 G SC LFG
With Tabs, 650gF, Silver Plating	401-1952-ND	4.84	3.87	3.07	EDM 650 S SC LFS
With PC Pins, 650gF, Silver Plating	401-1953-ND	4.84	3.87	3.07	EDM 650 S AC LFS

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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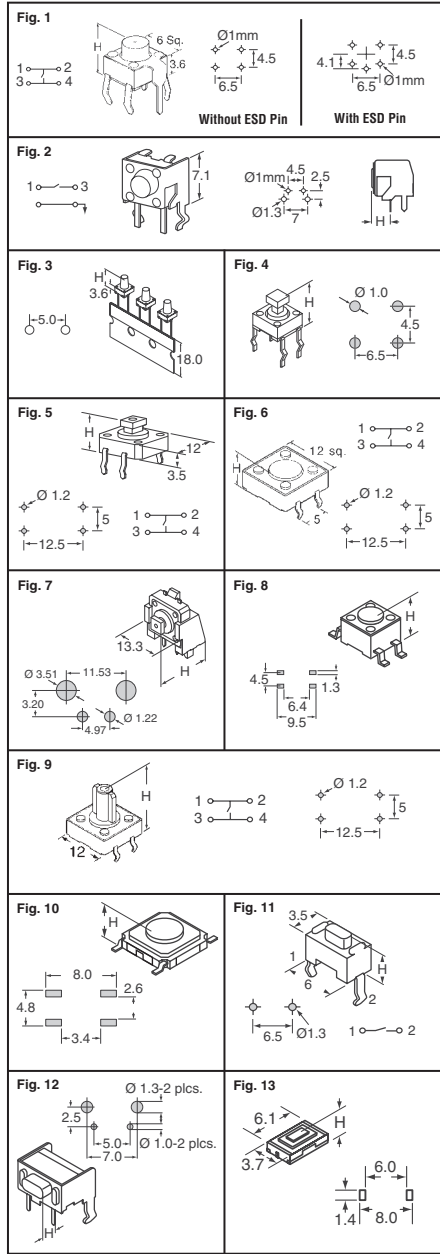
Momentary Tact Switches PTS Series



Dimensions in mm

Fig.	Description	Dim. H (mm)	Digi-Key Part No.	Cut Tape Pricing			Tape and Reel Qty.	C&K Components Part No.	
				1	25	100			
PTS Momentary Tact Switches (Non-Washable)									
1	6mm, with ESD pin — 130gF	4.3	CKN9096-ND	.12	2.56	8.60	—	PTS645TL43 LFS	
	6mm, w/o ESD pin — 130gF	4.3	CKN9098-ND	.09	1.97	6.62	—	PTS645SL43 LFS	
	6mm, with ESD pin — 200gF	4.3	CKN9083-ND	.12	2.56	8.60	—	PTS645TH43 LFS	
	6mm, w/o ESD pin — 260gF	4.3	CKN9090-ND	.09	1.97	6.62	—	PTS645SK43 LFS	
	6mm, with ESD pin — 130gF	5.0	CKN9095-ND	.12	2.56	8.60	—	PTS645TL50 LFS	
	6mm, w/o ESD pin — 130gF	5.0	CKN9092-ND	.09	1.97	6.62	—	PTS645SL50 LFS	
	6mm, w/o ESD pin — 200gF	5.0	CKN9093-ND	.09	1.97	6.62	—	PTS645SH50 LFS	
	6mm, with ESD pin — 200gF	5.0	CKN9081-ND	.12	2.56	8.60	—	PTS645TH50 LFS	
	6mm, w/o ESD pin — 260gF	5.0	CKN9082-ND	.09	1.97	6.62	—	PTS645SK50 LFS	
	6mm, with ESD pin — 130gF	7.0	CKN9086-ND	.12	2.56	8.60	—	PTS645TL70 LFS	
2	6mm, w/o ESD pin — 130gF	7.0	CKN9071-ND	.09	1.97	6.62	—	PTS645SL70 LFS	
	6mm, w/o ESD pin — 200gF	7.0	CKN9074-ND	.09	1.97	6.62	—	PTS645SH70 LFS	
	6mm, w/o ESD pin — 130gF	9.5	CKN9078-ND	.09	1.97	6.62	—	PTS645SL95 LFS	
	6mm, w/o ESD pin — 200gF	9.5	CKN9091-ND	.09	1.97	6.62	—	PTS645SH95 LFS	
	6mm, Right Angle — 130gF	3.15	CKN9094-ND	.14	3.00	10.11	—	PTS645VL31 LFS	
	6mm, Right Angle — 130gF	3.85	CKN9103-ND	.14	3.00	10.11	—	PTS645VL39 LFS	
	6mm, Right Angle — 200gF	3.15	CKN9118-ND	.19	3.79	12.00	—	PTS645VH31 LFS	
	6mm, Right Angle — 200gF	3.85	CKN9115-ND	.19	3.79	12.00	—	PTS645VH39 LFS	
	6mm, Right Angle — 130gF	5.85	CKN9116-ND	.19	3.79	12.00	—	PTS645VL58 LFS	
	6mm, Right Angle — 200gF	5.85	CKN9120-ND	.19	3.79	12.00	—	PTS645VH58 LFS	
3	6mm, Right Angle — 130gF	8.35	CKN9123-ND	.19	3.79	12.00	—	PTS645VL83 LFS	
	6mm, Right Angle — 200gF	8.35	CKN9121-ND	.19	3.79	12.00	—	PTS645VH83 LFS	
	6mm, Right Angle — 130gF	15.85	CKN9075-ND	.14	3.00	10.11	—	PTS645VL15 LFS	
	6mm, Right Angle — 200gF	15.85	CKN9079-ND	.14	3.00	10.11	—	PTS645VH15 LFS	
	6mm, 2-pin — 160gF	4.3	CKN9108CT-ND†	.16	3.22	10.21	1,000	96.70 PTS645SM43TR LFS	
	6mm, 2-pin — 260gF	4.3	CKN1791CT-ND	.34	7.90	28.95	—	PTS645SK43TR	
	6mm, 2-pin — 260gF	4.3	CKN9107CT-ND†	.16	3.22	10.21	1,000	96.70 PTS645SK43TR LFS	
	6mm, 2-pin — 260gF	5.0	CKN1792CT-ND	.22	5.07	18.57	—	PTS645SK50TR	
	6mm, 2-pin — 260gF	5.0	CKN9113CT-ND†	.16	3.22	10.21	1,000	96.70 PTS645SK50TR LFS	
	6mm, 2-pin — 160gF	5.0	CKN1579CT-ND	.25	5.66	20.76	—	PTS645SM50TR	
4	6mm, 2-pin — 160gF	5.0	CKN9127CT-ND†	.16	3.22	10.21	1,000	96.70 PTS645SM50TR LFS	
	6mm, 2-pin — 130gF	7.0	CKN1794CT-ND	.28	6.48	23.76	—	PTS645SL70TR	
	6mm, 2-pin — 130gF	7.0	CKN9110CT-ND†	.16	3.22	10.21	1,000	96.70 PTS645SL70TR LFS	
	6mm, w/o ESD pin — 130gF	7.3	CKN9072-ND	.10	2.24	7.55	—	PTS645SJL73 LFS	
	6mm, w/o ESD pin — 200gF	7.3	CKN9073-ND	.10	2.24	7.55	—	PTS645SJH73 LFS	
	5	12mm, w/o ESD pin — 160gF	7.3	CKN9141-ND	.36	7.14	22.62	—	PTS125SJM73 LFS
		12mm, w/o ESD pin — 260gF	7.3	CKN9142-ND	.36	7.14	22.62	—	PTS125SKJ73 LFS
	6	12mm, w/o ESD pin — 160gF	4.3	CKN9100-ND	.22	4.76	16.03	—	PTS125SM43 LFS
		12mm, w/o ESD pin — 260gF	4.3	CKN9139-ND	.30	6.01	19.04	—	PTS125SK43 LFS
	7	12mm, w/o ESD pin — 160gF	8.5	CKN9140-ND	.30	6.01	19.04	—	PTS125SM85 LFS
12mm, w/o ESD pin — 260gF		8.5	CKN9151-ND	.30	6.01	19.04	—	PTS125SK85 LFS	
8	6mm, Right Angle Square Act. — 160gF	6.2	CKN9101-ND	.30	6.42	21.61	—	PTS125VJM73 LFS	
	6mm, w/o ESD pin — 160gF	4.3	CKN9112CT-ND†	.17	3.53	11.17	1,000	105.85 PTS645SM43SMTR LFS	
9	6mm, w/o ESD pin, SMT — 260gF	4.3	CKN9084CT-ND†	.19	4.12	13.23	1,000	105.85 PTS645SK43SMTR LFS	
	6mm, w/o ESD pin — 130gF	5.0	CKN9088CT-ND†	.23	4.98	16.01	1,000	142.30 PTS645SL50SMTR LFS	
	6mm, w/o ESD pin — 200gF	5.0	CKN9085CT-ND†	.23	4.78	15.35	1,000	122.84 PTS645SH50SMTR LFS	
	6mm, w/o ESD pin — 260gF	5.0	CKN9087CT-ND†	.23	4.78	15.35	1,000	122.84 PTS645SK50SMTR LFS	
10	12mm, w/o ESD pin — 160gF	12.0	CKN9138-ND	.30	6.01	19.04	—	PTS125SM12 LFS	
	5.25mm, Square SMT — 160gF	0.8	CKN1572CT-ND	.34	7.90	28.95	—	PTS525SM08	
11	5.25mm, Square SMT — 160gF	0.8	CKN9125CT-ND†	.41	8.15	25.79	3,000	244.37/M PTS525SM08SMTR LFS	
	5.25mm, Square SMT — 160gF	1.5	CKN9104CT-ND†	.41	8.15	25.79	3,000	244.37/M PTS525SM10SMTR LFS	
12	6 x 3.5mm, w/o ESD pin — 130gF	5.0	CKN9102-ND	.19	4.00	13.47	—	PTS635SL50 LFS	
	6 x 3.5mm, w/o ESD pin — 130gF	4.3	CKN9097-ND	.20	4.45	14.98	—	PTS635L43 LFS	
13	6 x 3.5mm, Right Angle — 130gF	3.85	CKN9099-ND	.19	4.00	13.47	—	PTS635VL39 LFS	
	6 x 3.5mm, Right Angle — 130gF	3.15	CKN9080-ND	.19	4.00	13.47	—	PTS635VL31 LFS	
	6 x 3.5mm, Right Angle — 200gF	3.85	CKN9089-ND	.19	4.00	13.47	—	PTS635VH39 LFS	
	6 x 3.5mm, Right Angle — 200gF	3.15	CKN9077-ND	.19	4.00	13.47	—	PTS635VH31 LFS	
13	6.1 x 3.7mm, w/o ESD pin, SMT — 130gF	2.5	CKN9119CT-ND†	.38	7.71	24.42	3,000	231.31/M PTS635SL25SMTR LFS	
	6.1 x 3.7mm, w/o ESD pin, SMT — 260gF	2.5	CKN9076CT-ND†	.42	9.00	28.92	3,000	231.31/M PTS635SK25SMTR LFS	

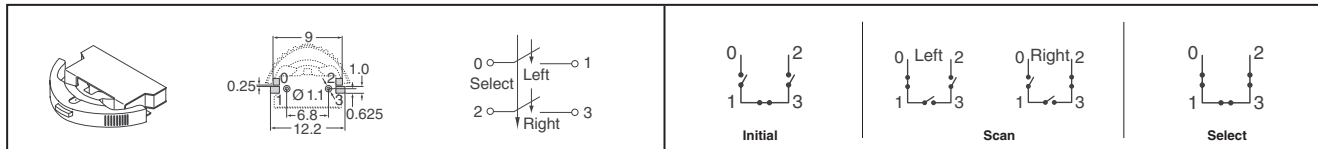
† For Tape and Reel part number, change CT-ND to TR-ND. † For Tape and Box part number, change CT-ND to TB-ND.



TPC Tri-Directional Scan Switches



Dimensions in mm



The TPC is a side-actuated miniature switch with normally open contacts providing tactile feedback. Rotation of the actuator closes two individual contacts (left or right), while pushing down in central position simultaneously closes the two contacts.
Applications: Mobile phones, pagers, personal data assistants (PDAs), handheld electronic devices, digital cameras, camcorders and communication equipment
Specifications: • Maximum Voltage: 50V • Minimum/Maximum Current: 1mA/50mA • Life Expectancy: 100,000 operations • Bounce: <10ms • Operating Temperature: -40°C - 125°C

Description	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		C&K Components Part No.
		1	25	100		Qty.	Pricing	
SMT Switch with Select	401-1264-1-ND	1.40	1.30	1.19	401-1264-2-ND	2,000	776.24/M	TPC1133GLFG

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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C&K TPA Series SMT Navigation Switches

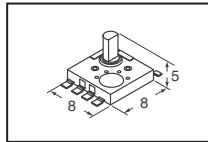


Dim. in mm

Actuating the shaft in the up, down, right or left direction individually closes four momentary contacts which provide the scanning function.

Specifications:

- **Switching:** Voltage Maximum: 24V
- **Current Maximum:** Silver: 50mA; Gold: 10mA
- **Operating Temperature:** Silver: -40°C ~ 85°C; Gold: -40°C ~ 110°C
- **Life Expectancy:** 200,000 operations *Push to select = 400gF*



Description	Digi-Key Part No.	Cut Tape Price Each			T & R Pricing†	C&K Part No.
		1	25	100		
Momentary, 2-Directional with Selection, 185gF, Silver, Gullwing	401-1277-1-ND	.94	.87	.80	—	TPA311GLFS
Momentary, 4-Directional with Selection, 185gF, Silver, Gullwing	401-1130-1-ND	.97	.90	.83	539.71	TPA511GLFS
Cap Switch Black Plastic for TPA	401-1997-ND	.62	.50	.40	—	BOUTON TPA

† For Tape and Reel part number, change 1-ND to 2-ND. ♦ Bulk

KSA Series Sealed Tact Switches



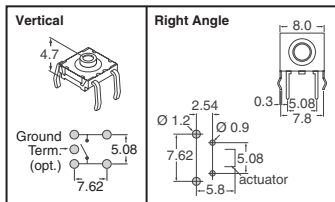
Dim. in mm

Miniature tact switch is designed for automatic or manual insertion.

Specifications:

- **Circuit:** SPST-NO
- **Switching:** Current Maximum: Silver: 50mA; Gold: 10mA
- **Voltage Maximum:** 50VDC
- **Contact Resistance:** 50mΩ
- **Total Travel:** .03 ~ 0.5mm
- **Life Expectancy:** 10⁵ operations
- **Operating Temperature:** Silver: -40°C ~ 90°C; Gold: -40°C ~ 125°C

MARK II Versions are washable

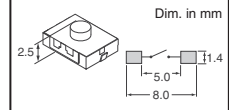


Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Vertical, 6.2mm sq., 130gF, Mark II Sealed, Long Life, Gold	401-1812-ND	.31	.29	.25	KSA0M332LFT
Vertical, 6.2mm sq., 300gF, Mark II Sealed, Gold	401-1815-ND	.46	.43	.39	KSA0M432LFT
Vertical, 7.4mm sq., 130gF, Mark I Sealed	401-1807-ND	.37	.35	.32	KSA0M211LFT
Vertical, 7.4mm sq., 130gF, Mark I Sealed, Long Life	401-1809-ND	.37	.35	.32	KSA0M311LFT
Vertical, 7.4mm sq., 130gF, Mark I Sealed	401-1807-ND	.37	.35	.32	KSA0M211LFT
Vertical, 7.4mm sq., 130gF, Mark I Sealed, Long Life	401-1809-ND	.37	.35	.32	KSA0M311LFT
Vertical, 7.4mm sq., 130gF, Mark I Sealed, Long Life, Gold	401-1811-ND	.46	.43	.40	KSA0M331LFT
Vertical, 7.4mm sq., 130gF, with Ground	401-1823-ND	.43	.40	.37	KSA1M211LFT
Vertical, 7.4mm sq., 130gF, Long Life, with Ground	401-1824-ND	.43	.40	.37	KSA1M311LFT
Vertical, 7.4mm sq., 130gF, Mark I Sealed, Gold, with Ground	401-1825-ND	.60	.56	.52	KSA1M331LFT
Vertical, 7.4mm sq., 300gF, Mark I Sealed	401-1813-ND	.37	.35	.32	KSA0M411LFT
Vertical, 7.4mm sq., 300gF, with Ground	401-1826-ND	.43	.40	.37	KSA1M411LFT
Vertical, 7.4mm sq., 500gF, Mark I Sealed	401-1816-ND	.41	.38	.35	KSA0M511LFT
Right Angle, 8.0mm sq., 130gF, Mark I Sealed	401-1818-ND	.47	.44	.40	KSA0V211LFT
Right Angle, 8.0mm sq., 130gF, Mark I Sealed, Long Life	401-1819-ND	.47	.44	.40	KSA0V311LFT

KSR Series Low Profile Tact Switches



The KSR Series Switches are a miniature tact switch, single pole, normally open contact. The extremely small overall dimensions make the KSR fit perfectly in small applications where density of components is a major constraint. **Applications:** Cellular phones, recorders, computers, pointers, radios, medical instrumentation and car entry remotes. **Specifications:** • **Circuit:** SPST-NO • **Switching:** Voltage Minimum/Maximum: 20mV/32V • **Current:** Silver: 50mA; Gold: 50mA • **Operating Temperature:** Silver: -40°C ~ 85°C; Gold: -40°C ~ 125°C • **Contact Material:** Gold and Silver Plated



Description	Digi-Key Part No.	Cut Tape Price Each			T & R Pricing†	C&K Part No.
		1	25	100		
180gF, Gullwing, SMD, Silver	401-1702-1-ND	.38	.36	.33	213.01/M	KSR211GLFS
200gF, Gullwing, SMD, Silver	401-1703-1-ND	.38	.36	.33	210.40/M	KSR221GLFS
200gF, Gullwing, SMD, Gold	401-1704-1-ND	.48	.45	.41	266.59/M	KSR223GLFG
200gF, Gullwing, SMD, Gold	401-1705-1-ND	.70	.66	.60	390.59/M	KSR223GNCLFG
300gF, Gullwing, SMD, Silver	401-1706-1-ND	.38	.36	.33	213.01/M	KSR231GLFS
450gF, Gullwing, SMD, Silver	401-1707-1-ND	.38	.36	.33	213.01/M	KSR251GLFS
450gF, Gullwing, SMD, Gold	401-1708-1-ND	.56	.52	.48	311.02/M	KSR253GLFG
450gF, Gullwing, SMD, Silver	401-1520-1-ND	.36	.34	.31	—	KSR251G

Long Life Version — RoHS Compliant

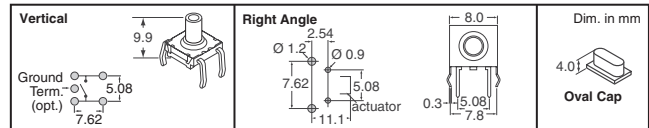
180gF, Gullwing, SMD, Silver	CKN9186CT-ND	.39	.36	.33	215.63/M	KSR212G LFS
180gF, Gullwing, SMD, Gold	CKN9187CT-ND	.53	.50	.46	295.49/M	KSR214G LFG
200gF, Gullwing, SMD, Silver	CKN9188CT-ND	.36	.34	.31	199.66/M	KSR222G LFS
200gF, Gullwing, SMD, Gold	CKN9189CT-ND	.49	.46	.42	272.98/M	KSR224G LFG
300gF, Gullwing, SMD, Silver	CKN9190CT-ND	.38	.36	.33	210.54/M	KSR232G LFS
300gF, Gullwing, SMD, Gold	CKN9191CT-ND	.52	.48	.44	287.50/M	KSR234G LFG
450gF, Gullwing, SMD, Silver	CKN9192CT-ND	.40	.37	.34	219.28/M	KSR252G LFS
450gF, Gullwing, SMD, Gold	CKN9193CT-ND	.54	.51	.46	300.57/M	KSR254G LFG

♦ RoHS Compliant ♦ Normally Closed ‡ For Tape and Reel part number, change 1-ND to 2-ND. § For Tape and Reel part number, change CT-ND to TR-ND.

KSL Series Tact Switches (Washable)



MARK II Versions are improved seal versions for immersed cleaning. **Specifications:** • **Circuit:** SPST-NO • **Switching:** Voltage Maximum: 50VDC • **Current Maximum:** Silver: 50mA; Gold: 10mA • **Contact Resistance:** 50mΩ • **Contact Material:** Silver plated • **Operating Temperature:** Silver: -40°C ~ 90°C; Gold: -40°C ~ 125°C

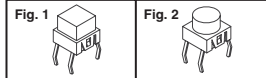


Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Vertical, 130gF, Totally Sealed	401-1828-ND	.44	.41	.38	KSL0M211LFT
Vertical, 130gF, Mark II Sealed	401-1829-ND	.44	.41	.37	KSL0M212LFT
Vertical, 130gF, Mark II Sealed, Long Life	401-1831-ND	.44	.41	.37	KSL0M312LFT
Vertical, 300gF, Totally Sealed	401-1833-ND	.44	.41	.38	KSL0M411LFT
Vertical, 300gF, Mark II Sealed	401-1834-ND	.44	.41	.37	KSL0M412LFT
Vertical, 300gF, Flux Sealed, Gold	401-1835-ND	.55	.52	.47	KSL0M431LFT
Right Angle, 130gF, Totally Sealed, Long Life	401-1839-ND	.57	.53	.49	KSL0V311LFT
Right Angle, 300gF, Totally Sealed	401-1841-ND	.57	.53	.49	KSL0V411LFT
Vertical, 130gF, Totally Sealed, with Ground	401-1843-ND	.51	.47	.43	KSL1M211LFT
Oval Cap, 9.5mm x 5.6mm, Black	401-1424-ND	.30	.29	.26	BTNK0390

KSA Series Snap-On Switch Caps (Mark I Version Only)



Snap-on buttons for vertical KSA switches snap over and are held in place by the KSA body. All buttons must be mounted after the soldering and cleaning process. Buttons are able to be screen printed for custom legend appearances. (Switch is sold separately.)

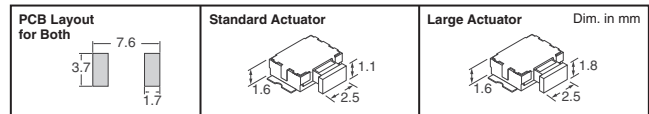


Color	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Fig. 1 — 10mm Square Cap					
Black	401-1237-ND	.30	.29	.26	BTNK0190
Red	401-1238-ND	.30	.29	.26	BTNK0140
Light Grey	401-1239-ND	.30	.29	.26	BTNK0120
Dark Grey	401-1240-ND	.30	.29	.26	BTNK0110
Yellow	401-1241-ND	.45	.42	.38	BTNK0130
Blue	401-1242-ND	.30	.29	.26	BTNK0160
Green	401-1243-ND	.41	.39	.35	BTNK0150
Ivory	401-1244-ND	.46	.43	.40	BTNK0180
Grey-Blue	401-1245-ND	.30	.29	.26	BTNK0170
Fig. 2 — 8mm Round Cap					
Black	401-1246-ND	.30	.29	.26	BTNK0290
Red	401-1247-ND	.30	.29	.26	BTNK0240
Light Grey	401-1248-ND	.30	.29	.26	BTNK0220
Dark Grey	401-1249-ND	.30	.29	.26	BTNK0210
Yellow	401-1250-ND	.30	.29	.26	BTNK0230
Blue	401-1251-ND	.30	.29	.26	BTNK0260
Green	401-1252-ND	.30	.29	.26	BTNK0250
Ivory	401-1253-ND	.30	.29	.26	BTNK0280
Grey-Blue	401-1254-ND	.30	.29	.26	BTNK0270

KSS Series Miniature Side Actuated Tact Switches



Specifications: • **Circuit:** SPST-NO • **Switching:** Maximum Voltage: 50V • **Minimum/Maximum Current:** Silver: 1mA/50mA; Gold: 1mA/10mA • **Life Expectancy:** 10⁵ operations • **Operating Temperature:** Silver: -40°C ~ 85°C; Gold: -40°C ~ 125°C



Description	Digi-Key Part No.	Cut Tape Price Each			Tape & Reel Pricing†	C&K Part No.
		1	25	100		
Standard Actuator, 200gF, Gullwing	401-1097-1-ND	.32	.30	.28	177.73/M	KSS221GLFS
Standard Actuator, 250gF, Gullwing	401-1098-1-ND	.32	.30	.28	177.73/M	KSS231GLFS
Standard Actuator, 250gF, Gullwing, Gold	401-1698-1-ND	.41	.39	.32	228.69/M	KSS233GLFG
Standard Actuator, 400gF, Gullwing	401-1099-1-ND	.35	.33	.30	192.10/M	KSS241GLFS
Large Actuator, 200gF, Gullwing	401-1100-1-ND	.37	.35	.32	205.17/M	KSS321GLFS
Large Actuator, 250gF, Gullwing	401-1101-1-ND	.37	.35	.32	205.17/M	KSS331GLFS
Large Actuator, 400gF, Gullwing	401-1102-1-ND	.38	.36	.33	214.32/M	KSS341GLFS
Standard Actuator, 200gF, Gullwing, Gold	401-1522-1-ND	.41	.39	.35	228.69/M	KSS223GLFG
Standard Actuator, 400gF, Gullwing, Gold	401-1523-1-ND	.44	.41	.38	243.07/M	KSS243GLFG

† For Tape and Reel part number, change 1-ND to 2-ND.

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

Free shipping on orders over £50! All prices are in British pound sterling and include duties.

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