

C&K KS Series Key Switches

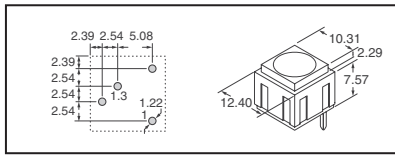


Dimensions in mm

Contact Material:

• Movable Contacts: Beryllium copper, silver plated 25mA maximum @ 50 VAC/DC maximum Stationary Contacts and All Terminals: Copper alloy, silver plated

• Contacts: Gold Terminals: Gold Rating: 25mA maximum @ 50 VAC/DC maximum



Circuit	Switch Function	Contact Material	Cap Color	Digi-Key Part No.	Price Each			C&K Part No.
					1	25	100	
KS Momentary Key Switches (Non-Washable)								
SPST	Momentary (N/O)	B	White	CKN4077-ND	2.03	1.63	1.29	KS11R21CBD
		Q	White	CKN4078-ND	1.31	1.06	.84	KS11R21CQD
		Q	White	CKN1590-ND	2.32	1.86	1.48	KS11R21CQE
		B	Black	CKN4079-ND	2.03	1.63	1.29	KS11R22CBD
		Q	Black	CKN4080-ND	1.31	1.06	.84	KS11R22CQD
		Q	Black	CKN1591-ND	2.32	1.86	1.48	KS11R22CQE
		B	Red	CKN4081-ND	2.08	1.67	1.32	KS11R23CBD
		Q	Red	CKN4082-ND	1.31	1.06	.84	KS11R23CQD
SPDT	Momentary	Q	White	CKN1593-ND	1.89	1.52	1.20	KS12R21CQD
		B	Black	CKN1594-ND	3.24	2.60	2.06	KS12R22CBE
		Q	Black	CKN1595-ND	1.89	1.52	1.20	KS12R22CQD
		Q	Black	CKN1596-ND	2.42	1.95	1.54	KS12R22CQE

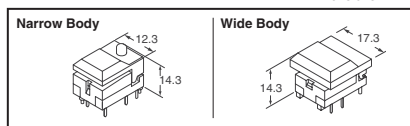
DIGITAST SE Series Key Switches



This series is the most versatile electronic switch for printed circuit boards, especially when used with dual in-line packages. Vibration free, short smooth travel through pivoted button tops. Available as momentary button switch as well as push-push action with over-travel release. Micro SPDT system with tactile feeling. Two integral molded 'standoff' pins for alignment on PC boards.

Specifications:

- Circuit: SPDT
- Switching: Voltage Maximum: 24VAC; Current Maximum: 10mA DC
- Operating Life: OA: 5,000,000 operations; EE: 500,000 operations
- Switching Travel: 0.0591

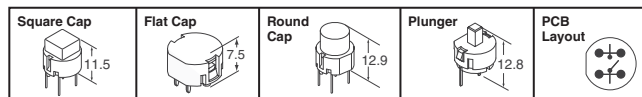


Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Narrow Body					
Momentary Action, Black Cap, No LED	401-1107-ND	2.66	2.37	2.07	SER BK AU OA
Momentary Action, Blue Cap, No LED	401-1229-ND	2.66	2.37	2.07	SER BU AU OA
Momentary Action, Green Cap, No LED	401-1230-ND	2.98	2.65	2.32	SER GN AU OA
Momentary Action, Grey Cap, No LED	401-1109-ND	2.66	2.37	2.07	SER GU AU OA
Momentary Action, Red Cap, No LED	401-1111-ND	2.66	2.37	2.07	SER RD AU OA
Momentary Action, White Cap, No LED	401-1231-ND	2.98	2.65	2.32	SER WH AU OA
Momentary Action, Yellow Cap, No LED	401-1232-ND	2.66	2.37	2.07	SER YE AU OA
Momentary Action, Black Cap, Green LED	401-1115-ND	4.35	3.87	3.39	SERL BK GN 7.62 AU OA
Momentary Action, Black Cap, Red LED	401-1113-ND	4.35	3.87	3.39	SERL BK RD 7.62 AU OA
Momentary Action, Grey Cap, Red LED	401-1117-ND	4.35	3.87	3.39	SERL GY RD 7.62 AU OA
Wide Body					
Momentary Action, Black Cap, No LED	401-1122-ND	2.66	2.37	2.07	SET BK AU OA
Momentary Action, Grey Cap, No LED	401-1124-ND	2.66	2.37	2.07	SET GU AU OA
Momentary Action, Blue Cap, No LED	401-1233-ND	2.66	2.37	2.07	SET BU AU OA
Momentary Action, Red Cap, No LED	401-1234-ND	2.66	2.37	2.07	SET RD AU OA
Momentary Action, White Cap, No LED	401-1235-ND	2.98	2.65	2.32	SET WH AU OA
Momentary Action, Yellow Cap, No LED	401-1236-ND	2.98	2.65	2.32	SET YE AU OA
Alternate Action, Black Cap, Green LED	401-1670-ND	6.90	6.14	5.37	SETL BK GN 7.62 AU EE
Momentary Action, Black Cap, Red LED	401-1125-ND	4.35	3.87	3.39	SETL BK RD 7.62 AU OA
Momentary Action, Grey Cap, Red LED	401-1128-ND	3.95	3.52	3.08	SET L GY RD 7.62 AU OA

D6 Series Pushbutton Switches



Specifications: • Circuit: SPST • Switching: Current Maximum: 100mA AC • Dielectric Strength: 1000VAC • Contact Resistance: ≤100mΩ • Switching Travel: 0.0301 • Contact Material: Silver Plated • Operating Temperature: -20°C - 85°C • Life Expectancy: F1 version - 250k operations; F2 version - 100k operations



Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Square Cap					
White, Momentary Action, 130gF	401-1963-ND	.72	.58	.46	D6C00 F1 LFS
White, Momentary Action, 250gF	401-1982-ND	.72	.58	.46	D6C00 F2 LFS
Grey, Momentary Action, 130gF	401-1964-ND	.72	.58	.46	D6C10 F1 LFS
Grey, Momentary Action, 250gF	401-1983-ND	.72	.58	.46	D6C10 F2 LFS
Yellow, Momentary Action, 130gF	401-1965-ND	.72	.58	.46	D6C30 F1 LFS

Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Yellow, Momentary Action, 250gF	401-1984-ND	.72	.58	.46	D6C30 F2 LFS
Red, Momentary Action, 130gF	401-1966-ND	.72	.58	.46	D6C40 F1 LFS
Red, Momentary Action, 250gF	401-1985-ND	.72	.58	.46	D6C40 F2 LFS
Green, Momentary Action, 130gF	401-1967-ND	.72	.58	.46	D6C50 F1 LFS
Green, Momentary Action, 250gF	401-1986-ND	.72	.58	.46	D6C50 F2 LFS
Blue, Momentary Action, 130gF	401-1968-ND	.72	.58	.46	D6C60 F1 LFS
Blue, Momentary Action, 250gF	401-1987-ND	.72	.58	.46	D6C60 F2 LFS
Black, Momentary Action, 130gF	401-1969-ND	.72	.58	.46	D6C90 F1 LFS
Black, Momentary Action, 250gF	401-1988-ND	.72	.58	.46	D6C90 F2 LFS
White, Momentary Action, 130gF	401-1972-ND	.72	.58	.46	D6R00 F1 LFS
White, Momentary Action, 250gF	401-1989-ND	.72	.58	.46	D6R00 F2 LFS
Grey, Momentary Action, 130gF	401-1973-ND	.72	.58	.46	D6R10 F1 LFS
Grey, Momentary Action, 250gF	401-1990-ND	.72	.58	.46	D6R10 F2 LFS
Yellow, Momentary Action, 130gF	401-1974-ND	.72	.58	.46	D6R30 F1 LFS
Round Cap					
Yellow, Momentary Action, 250gF	401-1991-ND	.72	.58	.46	D6R30 F2 LFS
Red, Momentary Action, 130gF	401-1975-ND	.72	.58	.46	D6R40 F1 LFS
Red, Momentary Action, 250gF	401-1992-ND	.72	.58	.46	D6R40 F2 LFS
Green, Momentary Action, 130gF	401-1976-ND	.72	.58	.46	D6R50 F1 LFS
Green, Momentary Action, 250gF	401-1993-ND	.72	.58	.46	D6R50 F2 LFS
Blue, Momentary Action, 130gF	401-1977-ND	.72	.58	.46	D6R60 F1 LFS
Blue, Momentary Action, 250gF	401-1994-ND	.72	.58	.46	D6R60 F2 LFS
Black, Momentary Action, 130gF	401-1978-ND	.72	.58	.46	D6R90 F1 LFS
Black, Momentary Action, 250gF	401-1995-ND	.72	.58	.46	D6R90 F2 LFS
Flat Cap					
Black, Momentary Action, 130gF	401-1970-ND	.72	.58	.46	D6F90 F1 LFS
Black, Momentary Action, 250gF	401-2020-ND	.72	.58	.46	D6F90 F2 LFS
Plunger					
Black, Momentary Action, 130gF	401-1971-ND	.72	.58	.46	D6L90 F1 LFS
Black, Momentary Action, 250gF	401-2019-ND	.72	.58	.46	D6L90 F2 LFS
Square Button					
Grey, For D6C Series	401-1979-ND	.39	.32	.25	BTND610F
Red, For D6C Series	401-1980-ND	.39	.32	.25	BTND640F
Blue, For D6C Series	401-1981-ND	.39	.32	.25	BTND660F
Black, For D6C Series	401-1996-ND	.39	.32	.25	BTND690F

RTE Series Miniature Rotary Switches



Dimensions in mm

Specifications: • Switching: Voltage Maximum: RTE02 and RTE03: 50V DC; RTE10 and RTE16: 30V DC • Current: 100mA • Contact Resistance: RTE02 and RTE03: 100mΩ; RTE10 and RTE16: 150mΩ • Operating Temperature: -25°C - 85°C • Storage Temperature: -40°C - 85°C

Fig. 1 Gullwing

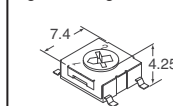


Fig. 2 PC Mount

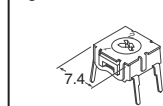


Fig.	Description	Digi-Key Part No.	Price Each			C&K Part No.
			1	25	100	
2 Position Selectors - SPDT						
1	Gullwing, Silver Plating	401-1022-1-ND†	1.48	1.37	1.26	RTE0200G01
	Gullwing, Silver Plating	401-1863-1-ND†	1.48	1.37	1.26	RTE0200G05
	Gullwing, Gold Plating	401-1407-1-ND†	1.92	1.78	1.63	RTE0200G03
	Gullwing, Gold Plating	401-1935-1-ND†	1.92	1.78	1.63	RTE0200G04
3 Position Selectors - SP3T						
1	Gullwing, Silver Plating	401-1962-1-ND†	1.08	1.00	.92	RTE0300G05
	Gullwing, Silver Plating	401-1962-2-ND†	592	281	250	RTE0300G05
	Gullwing, Gold Plating	401-1413-1-ND†	1.98	1.83	1.68	RTE0300G03
Decimal Code - BCD - RoHS Compliant						
2	PC Mount, Gold Plating	401-1871-5-ND	2.21	1.77	1.40	RTE1000N14

† RoHS Compliant † Cut Tape ‡ Tape and Reel

Description	Digi-Key Part No.	Price Each			C&K Part No.
		1	25	100	
Optional Switch Caps for RTE Series - RoHS Compliant					
Red, Open Window Style for Button Actuator Switch Only	401-1040-ND	.20	.17	.13	BTNRTE40
Green, Open Window Style for Button Actuator Switch Only	401-1041-ND	.20	.17	.13	BTNRTE50
Black, Open Window Style for Button Actuator Switch Only	401-1042-ND	.20	.17	.13	BTNRTE90

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