





# Illuminated Pushbutton Switches

## KB Series Miniature Bushing Mount

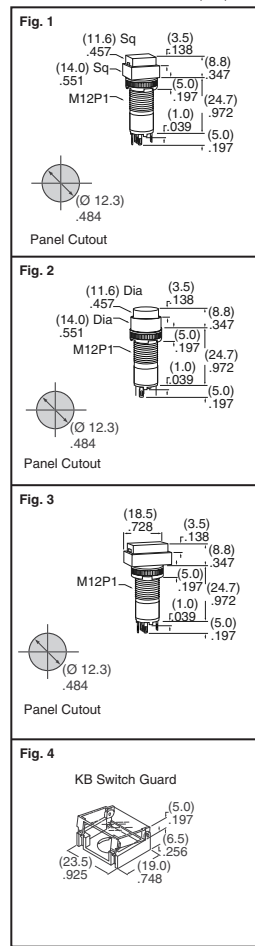
The KB pushbuttons are SPDT or DPDT snap acting contact mechanism, providing long electrical life and pronounced sensitivity. Comes complete with nut. 12mm diameter makes this switch ideal for stacking into a panel using minimal

room. LED illumination for long service life. **Features:** • **Electrical Capacity:** 1A @ 125/250VAC or 30VDC for silver contacts • **Dielectric Strength:** 1,500VAC minimum between contacts and case • **Mechanical Life:** 100,000 operations minimum • **Electrical Life:** 50,000 operations minimum (silver) • **Total Travel:** .118" • **Operating Temperature:** -25°C - 50°C • **UL recognized and CSA certified @ 1A rating**

Dimensions in (mm) Inch

Fig.	Circuit	Switching Function	Color	Digi-Key Part No.	1	25	100	NKK Part No.
<b>KB Series Square Bezel Switches</b>								
1	SPDT	On-Mom	Red	360-1990-ND◆	9.87	7.00	6.65	KB15SKW01-5C-JC-RO
		On-Mom	Amber	360-1991-ND◆	9.87	7.00	6.65	KB15SKW01-5D-JD-RO
		On-Mom	Green	360-1992-ND◆	9.87	7.00	6.65	KB15SKW01-5F-JF-RO
		On-On	Red	360-1999-ND◆	10.56	7.49	7.12	KB16SKW01-5C-JC-RO
		On-On	Amber	360-2000-ND◆	10.56	7.49	7.12	KB16SKW01-5D-JD-RO
		On-On	Green	360-2001-ND◆	10.56	7.49	7.12	KB16SKW01-5F-JF-RO
	DPDT	On-Mom	Red	360-1613-ND	11.88	8.61	7.66	KB25SKW01-5C-JC
		On-Mom	Red	360-2008-ND◆	11.88	8.61	7.66	KB25SKW01-5C-JC-RO
		On-Mom	Amber	360-1614-ND	11.88	8.61	7.66	KB25SKW01-5D-JD
		On-Mom	Amber	360-2009-ND◆	11.88	8.61	7.66	KB25SKW01-5D-JD-RO
		On-Mom	Green	360-2010-ND◆	11.88	8.61	7.66	KB25SKW01-5F-JF-RO
		On-On	Red	360-2017-ND◆	12.51	9.07	8.07	KB26SKW01-5C-JC-RO
On-On	Amber	360-2018-ND◆	12.51	9.07	8.07	KB26SKW01-5D-JD-RO		
On-On	Green	360-2019-ND◆	12.51	9.07	8.07	KB26SKW01-5F-JF-RO		
<b>KB Series Round Bezel Switches</b>								
2	SPDT	On-Mom	Red	360-1984-ND◆	9.87	7.00	6.65	KB15CKW01-5C-JC-RO
		On-Mom	Amber	360-1985-ND◆	9.87	7.00	6.65	KB15CKW01-5D-JD-RO
		On-Mom	Green	360-1986-ND◆	9.87	7.00	6.65	KB15CKW01-5F-JF-RO
		On-On	Red	360-1993-ND◆	10.56	7.49	7.12	KB16CKW01-5C-JC-RO
		On-On	Amber	360-1994-ND◆	10.56	7.49	7.12	KB16CKW01-5D-JD-RO
		On-On	Green	360-1995-ND◆	10.56	7.49	7.12	KB16CKW01-5F-JF-RO
	DPDT	On-Mom	Red	360-2002-ND◆	11.88	8.61	7.66	KB25CKW01-5C-JC-RO
		On-Mom	Amber	360-1626-ND	11.88	8.61	7.66	KB25CKW01-5D-JD
		On-Mom	Amber	360-2003-ND◆	11.88	8.61	7.66	KB25CKW01-5D-JD-RO
		On-Mom	Green	360-2004-ND◆	11.88	8.61	7.66	KB25CKW01-5F-JF-RO
		On-On	Red	360-2011-ND◆	12.51	9.07	8.07	KB26CKW01-5C-JC-RO
		On-On	Amber	360-2012-ND◆	12.51	9.07	8.07	KB26CKW01-5D-JD-RO
On-On	Green	360-2013-ND◆	12.51	9.07	8.07	KB26CKW01-5F-JF-RO		
<b>KB Series Rectangular Bezel Switches</b>								
3	SPDT	On-Mom	Red	360-1987-ND◆	9.87	7.00	6.65	KB15RKW01-5C-JC-RO
		On-Mom	Amber	360-1988-ND◆	9.87	7.00	6.65	KB15RKW01-5D-JD-RO
		On-Mom	Green	360-1989-ND◆	9.87	7.00	6.65	KB15RKW01-5F-JF-RO
		On-On	Red	360-1996-ND◆	10.56	7.49	7.12	KB16RKW01-5C-JC-RO
		On-On	Amber	360-1635-ND	10.56	7.49	6.89	KB16RKW01-5D-JD
		On-On	Green	360-1997-ND◆	10.56	7.49	7.12	KB16RKW01-5D-JD-RO
	DPDT	On-Mom	Red	360-2005-ND◆	11.88	8.61	7.66	KB25RKW01-5C-JC-RO
		On-Mom	Amber	360-1638-ND	11.88	8.61	7.66	KB25RKW01-5D-JD
		On-Mom	Amber	360-2006-ND◆	11.88	8.61	7.66	KB25RKW01-5D-JD-RO
		On-Mom	Green	360-2007-ND◆	11.88	8.61	7.66	KB25RKW01-5F-JF-RO
		On-On	Red	360-2014-ND◆	12.51	9.07	8.07	KB26RKW01-5C-JC-RO
		On-On	Amber	360-2015-ND◆	12.51	9.07	8.07	KB26RKW01-5D-JD-RO
On-On	Green	360-2016-ND◆	12.51	9.07	8.07	KB26RKW01-5F-JF-RO		
<b>KB Accessories — RoHS Compliant</b>								
—	Socket Wrench for Panel Mount KB Series			360-1000-ND	2.54	1.53	1.33	AT108
4	Protective Guard for Square/Round KB Series			360-1004-ND	2.18	1.29	1.15	AT494
	Protective Guard for Rectangular KB Series			360-1006-ND	2.34	1.41	1.23	AT4024

◆ RoHS Compliant



## LB Series Standard Size Snap-in Mount

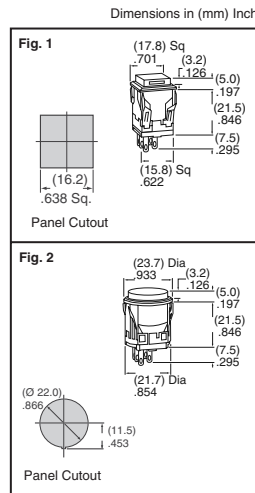
The pushbutton switch is designed with a single-break, snap-action contact mechanism. The combined butterfly formation and spring action of the movable

contact create the quick-make, quick-break characteristic which limits arcing and prolongs electrical life. The switch is offered with momentary or alternate action circuits in single or double pole configurations. **Features:** • **Electrical Capacity:** 3A @ 125/250VAC or 30VDC for silver contacts • **Dielectric Strength:**

1,500 VAC minimum between contacts and case • **Mechanical Life:** 1,000,000 operations minimum for momentary; 200,000 operations minimum for maintained • **Electrical Life:** 100,000 operations minimum • **Total Travel:** .118" • **Operating Temperature:** -25°C - 50°C • **UL recognized and CSA certified @ 3A rating**

Fig.	Circuit	Switching Function	Color	Digi-Key Part No.	1	25	100	NKK Part No.
<b>LB Series Square Bezel Switches</b>								
1	SPDT	On-Mom	Red	360-2026-ND◆	13.20	9.60	8.70	LB15SKW01-5C-JC-RO
		On-Mom	Amber	360-2027-ND◆	13.20	9.60	8.70	LB15SKW01-5D-JD-RO
		On-Mom	Green	360-2028-ND◆	13.20	9.60	8.70	LB15SKW01-5F-JF-RO
		On-On	Red	360-1646-ND	14.65	10.66	9.66	LB16SKW01-5C-JC
		On-On	Red	360-2035-ND◆	14.65	10.66	9.66	LB16SKW01-5C-JC-RO
		On-On	Amber	360-1647-ND	14.65	10.66	9.66	LB16SKW01-5D-JD
	DPDT	On-On	Amber	360-2036-ND◆	14.65	10.66	9.66	LB16SKW01-5D-JD-RO
		On-On	Green	360-2037-ND◆	14.65	10.66	9.66	LB16SKW01-5F-JF-RO
		On-Mom	Red	360-2044-ND◆	15.62	11.36	10.30	LB25SKW01-5C-JC-RO
		On-Mom	Amber	360-1650-ND	15.62	11.36	10.30	LB25SKW01-5D-JD
		On-Mom	Amber	360-2045-ND◆	15.62	11.36	10.30	LB25SKW01-5D-JD-RO
		On-Mom	Green	360-1651-ND	15.62	11.36	10.30	LB25SKW01-5F-JF
2	SPDT	On-Mom	Green	360-2046-ND◆	15.62	11.36	10.30	LB25SKW01-5F-JF-RO
		On-On	Red	360-2053-ND◆	17.07	12.42	11.06	LB26SKW01-5C-JC-RO
		On-On	Amber	360-2054-ND◆	17.07	12.42	11.06	LB26SKW01-5D-JD-RO
		On-On	Green	360-2055-ND◆	17.07	12.42	11.06	LB26SKW01-5F-JF-RO
		On-Mom	Red	360-2020-ND◆	13.20	9.60	8.70	LB15CKW01-5C-JC-RO
		On-Mom	Amber	360-2021-ND◆	13.20	9.60	8.70	LB15CKW01-5D-JD-RO
On-Mom	Green	360-2022-ND◆	13.20	9.60	8.70	LB15CKW01-5F-JF-RO		
On-On	Red	360-1658-ND	14.65	10.66	9.66	LB16CKW01-5C-JC		
On-On	Red	360-2029-ND◆	14.65	10.66	9.66	LB16CKW01-5C-JC-RO		
On-On	Amber	360-1659-ND	14.65	10.66	9.66	LB16CKW01-5D-JD		

◆ RoHS Compliant



(Continued)

More Product Available Online: [www.digikey.com](http://www.digikey.com)

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380



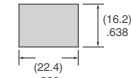
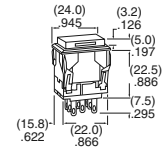
## Illuminated Pushbutton Switches LB Series Standard Size Snap-in Mount (Cont.)

Dimensions in (mm) Inch

Fig.	Circuit	Switching Function	Color	Digi-Key Part No.	1	25	100	NKK Part No.
<b>LB Series Round Bezel Switches — RoHS Compliant</b>								
2	DPDT	On-On	Amber	360-2030-ND	14.65	10.66	9.66	LB16CKW01-5D-JD-RO
		On-On	Green	360-2031-ND	14.65	10.66	9.66	LB16CKW01-5F-JF-RO
		On-Mom	Red	360-2038-ND	15.62	11.36	10.30	LB25CKW01-5C-JC-RO
		On-Mom	Amber	360-2039-ND	15.62	11.36	10.30	LB25CKW01-5D-JD-RO
		On-Mom	Green	360-2040-ND	15.62	11.36	10.30	LB25CKW01-5F-JF-RO
		On-On	Red	360-2047-ND	17.07	12.42	11.06	LB26CKW01-5C-JC-RO
		On-On	Amber	360-2048-ND	17.07	12.42	11.06	LB26CKW01-5D-JD-RO
		On-On	Green	360-2049-ND	17.07	12.42	11.06	LB26CKW01-5F-JF-RO
<b>LB Series Rectangular Bezel Switches</b>								
3	SPDT	On-Mom	Red	360-2023-ND◆	13.20	9.60	8.70	LB15RKW01-5C-JC-RO
		On-Mom	Amber	360-2024-ND◆	13.20	9.60	8.70	LB15RKW01-5D-JD-RO
		On-Mom	Green	360-2025-ND◆	13.20	9.60	8.70	LB15RKW01-5F-JF-RO
		On-On	Red	360-2032-ND◆	14.65	10.66	9.66	LB16RKW01-5C-JC-RO
		On-On	Amber	360-2033-ND◆	14.65	10.66	9.66	LB16RKW01-5D-JD-RO
		On-On	Green	360-2034-ND◆	14.65	10.66	9.66	LB16RKW01-5F-JF-RO
	DPDT	On-Mom	Red	360-2041-ND◆	15.62	11.36	10.30	LB25RKW01-5C-JC-RO
		On-Mom	Amber	360-1674-ND	15.62	11.36	10.30	LB25RKW01-5D-JD-RO
		On-Mom	Amber	360-2042-ND◆	15.62	11.36	10.30	LB25RKW01-5D-JD-RO
		On-Mom	Green	360-1675-ND	15.62	11.36	10.30	LB25RKW01-5F-JF-RO
		On-Mom	Green	360-2043-ND◆	15.62	11.36	10.30	LB25RKW01-5F-JF-RO
		On-On	Red	360-2050-ND◆	17.07	12.42	11.06	LB26RKW01-5C-JC-RO
		On-On	Amber	360-2051-ND◆	17.07	12.42	11.06	LB26RKW01-5D-JD-RO
		On-On	Green	360-2052-ND◆	17.07	12.42	11.06	LB26RKW01-5F-JF-RO
<b>LB Accessories — RoHS Compliant</b>								
4	Protective Guard for Square LB Series			360-1005-ND	2.91	1.79	1.56	AT499
	Protective Guard for Rectangular LB Series			360-1007-ND	2.91	1.79	1.56	AT4057

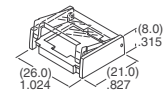
◆ RoHS Compliant

Fig. 3



Panel Cutout

Fig. 4



## SMD Momentary Key Switches



### Electrical Characteristics:

• Contact Rating: Maximum Current: 100mA; Maximum Voltage: 24V • Contact Resistance: 100mΩ maximum • Insulation Resistance: 100MΩ minimum (DC500V)

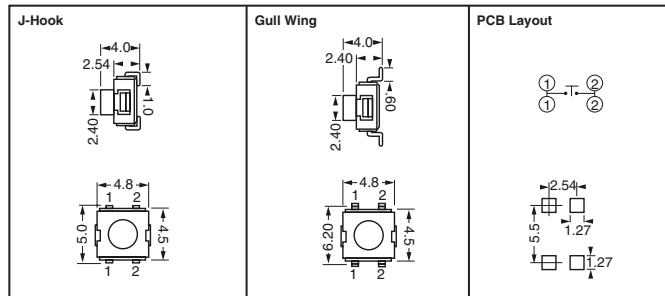
### General Characteristics:

• Switch Type: Normally Open • Operating Temperature Range: -55°C – 125°C • Dielectric Strength: 250VAC

### Mechanical Characteristics:

• Cycle Life, Loaded: 10,000 actuations

Type	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel Pricing		
		1	10	100		500	1,000	5,000
J-Hook	7914J-000ECT-ND	.95	.84	.71	7914J-000ETR-ND	270.00	473.00	405.00/M
Gull Wing	7914G-000ECT-ND	.95	.84	.71	7914G-000ETR-ND	270.00	473.00	405.00/M



## Sealed Selector Switches



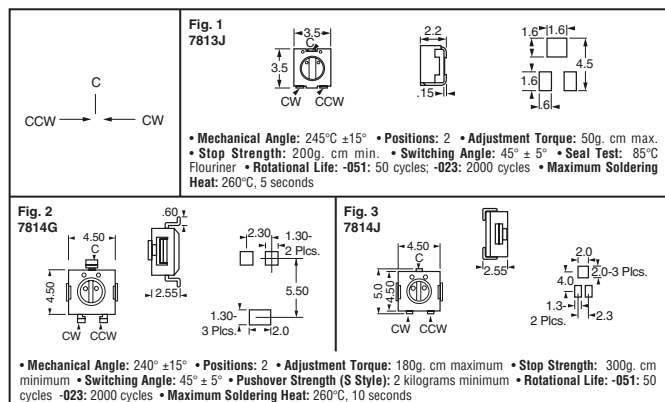
### Electrical Characteristics:

• Contact Rating: Maximum Current: 100mA Maximum Voltage: 24V • Contact Timing: Non-Shorting • Contact Resistance: 2Ω maximum • Insulation Resistance: 100MΩ minimum (DC500V) • Dielectric Strength: 250VAC

### General Characteristics:

• Switch Type: SPDT • Operating Temperature Range: -55°C – 125°C

Fig.	Size (mm)	Life	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape & Reel Pricing	
				1	10	100		500	1,000
1	3	50	7813J-051ECT-ND	2.10	1.86	1.56	7813J-051ETR-ND	—	1050.00
		2000	7813J-023ECT-ND	2.31	2.05	1.72	7813J-023ETR-ND	—	1155.00
2	4	50	7814G-051ECT-ND	2.10	1.86	1.56	7814G-051ETR-ND	600.00	1050.00
		2000	7814G-023ECT-ND	2.31	2.05	1.72	7814G-023ETR-ND	660.00	1155.00
3	4	50	7814J-051ECT-ND	2.10	1.86	1.56	7814J-051ETR-ND	600.00	1050.00
		2000	7814J-023ECT-ND	2.31	2.05	1.72	7814J-023ETR-ND	660.00	1155.00



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.

More Product Available Online: [www.digkey.com](http://www.digkey.com)

Toll-Free: 1-800-344-4539 • Phone 218-681-6674 • Fax: 218-681-3380

(T091) 2113