



## Momentary Pushbutton Switches

### 5500 Narrow and 5511 Wide Body Series



These miniature, momentary switches have a crisp tactile feel and are available in a wide range of colors, available in two widths: the 5500 .47" (12mm) wide and the 5511 .67" (17mm) wide, meet all ESD protection requirements and are available with or without LED. **Operating Travel:** 1.8mm **Function:** Momentary **SPDT Contact Bounce:** <5m second **Operating Life:** 5 x 10<sup>6</sup> Cycles **Force:** <200 g **Voltage Rating:** 12V **Current Rating:** 50mA **Contact Resistance:** <50mΩ **LED Ratings:** 2.2V@30mA

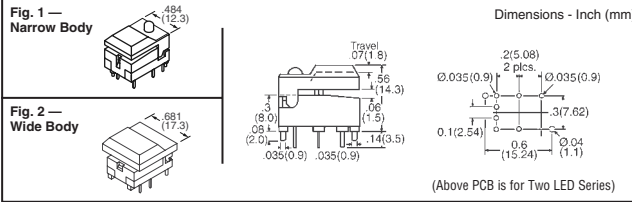


Fig.	Description	Digi-Key Part No.	Price Each			E-Switch Part No.	
5500 Series - Narrow Body							
1	SPDT, Black Cap, no LED	EG1701-ND	3.52	3.15	2.72	5501M1BLKX	
	SPDT, Grey Cap, no LED	EG1702-ND	3.52	3.15	2.72	5501MGRYX	
	SPDT, Red Cap, no LED	EG1704-ND	3.52	3.15	2.72	5501MREDX	
	SPDT, White Cap, no LED	EG1708-ND	3.52	3.15	2.72	5501MWHTX	
	SPDT, Black Cap, with Red LED	EG17151-ND	4.60	4.11	3.54	5501M1BLKRED	
	SPDT, Black Cap, with Green LED	EG17171-ND	4.60	4.11	3.54	5501M1BLKGRN	
	SPDT, Black Cap, with Yellow LED	EG4608-ND	4.60	4.11	3.54	5501M1BLKYEL	
	SPDT, Grey Cap, with Red LED	EG17152-ND	4.60	4.11	3.54	5501MGRYRED	
	SPDT, Grey Cap, with Green LED	EG17172-ND	4.60	4.11	3.54	5501MGRYGRN	
	SPDT, Red Cap, with Red LED	EG17155-ND	4.60	4.11	3.54	5501MREDRED	
2	SPDT, White Cap, with Red LED	EG17156-ND	4.60	4.11	3.54	5501MWHTRD	
	SPDT, White Cap, with Green LED	EG17178-ND	4.60	4.11	3.54	5501MWHTRN	
	SPDT, Black Cap, with Red and Green LED	EG171571-ND	5.07	4.53	3.90	5501M1BLKREDGRN	
	SPDT, Black Cap, no LED	EG1709-ND	3.52	3.15	2.72	5511M1BLKX	
	SPDT, Grey Cap, no LED	EG1710-ND	3.52	3.15	2.72	5511M1GRYX	
	SPDT, Blue Cap, no LED	EG1711-ND	3.52	3.15	2.72	5511M1BLBLX	
	SPDT, Red Cap, no LED	EG1712-ND	3.52	3.15	2.72	5511M1REDX	
	SPDT, White Cap, no LED	EG1714-ND	3.52	3.15	2.72	5511M1WHTX	
	SPDT, Black Cap, with Red LED	EG1715-ND	4.60	4.11	3.54	5511M1BLKRED	
	SPDT, Black Cap, with Green LED	EG1719-ND	4.60	4.11	3.54	5511M1BLKGRN	
3	SPDT, Grey Cap, with Red LED	EG1716-ND	4.60	4.11	3.54	5511M1GRYRED	
	SPDT, Grey Cap, with Green LED	EG1720-ND	4.60	4.11	3.54	5511M1GRYGRN	
	SPDT, Red Cap, with Red LED	EG1717-ND	4.60	4.11	3.54	5511M1BLURED	
	SPDT, White Cap, with Red LED	EG1718-ND	4.60	4.11	3.54	5511M1WHTRD	
	SPDT, White Cap, with Green LED	EG1722-ND	4.60	4.11	3.54	5511M1WHTRN	
	SPDT, Black Cap, with Red and Green LED	EG1723-ND	5.07	4.53	3.90	5511M1BLKREDGRN	
	SPDT, Grey Cap, with Red and Green LED	EG1724-ND	5.07	4.53	3.90	5511M1GRYREDGRN	
	5511 Series - Wide Body						

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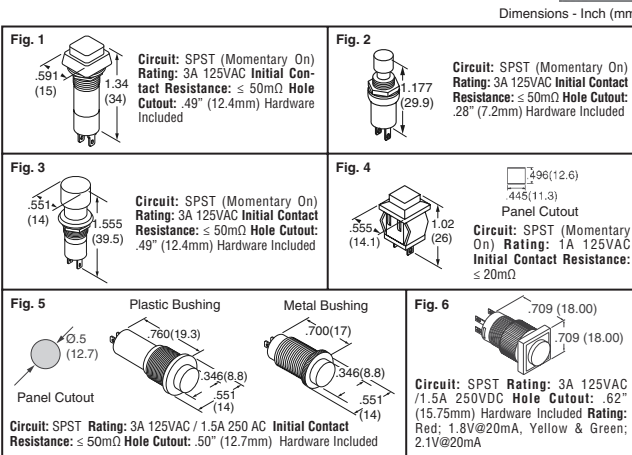
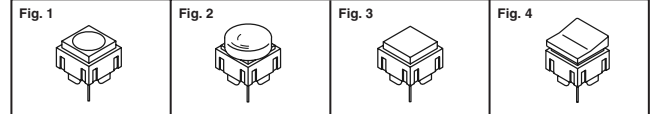


Fig.	Description	Digi-Key Part No.	Price Each			E-Switch Part No.
1	Red, Cap .59" (15mm) Sq., N/O	EG2005-ND	1.78	1.59	1.37	PS1023ARED
	Black, Cap .59" (15mm) Sq., N/O	EG2001-ND	1.78	1.59	1.37	PS1023ABLK
2	Red, Cap .24" (6mm) Dia., N/O	EG2015-ND	1.43	1.28	1.10	PS1024ARED
	Black, Cap .24" (6mm) Dia., N/O	EG2011-ND	1.43	1.28	1.10	PS1024ABLK
3	Red, Cap .39" (10mm) Dia., N/O	EG2025-ND	1.35	1.21	1.05	PS1024ALRED
	Black, Cap .39" (10mm) Dia., N/O	EG2021-ND	1.35	1.21	1.05	PS1024ALBLK
4	Red, Cap .55" (14mm) Dia., N/O	EG2035-ND	2.01	1.80	1.55	PS1040ARED
	Black, Cap .55" (14mm) Dia., N/O	EG2031-ND	2.01	1.80	1.55	PS1040ABLK
5	Red, Cap .55" (14mm) Sq., N/O	EG2045-ND	1.47	1.31	1.13	PS1057ARED
	Black, Cap .55" (14mm) Sq., N/O	EG2041-ND	1.47	1.31	1.13	PS1057ABLK
5	Black Cap, Plastic Bushing, N/O	EG1900-ND	1.95	1.75	1.51	RP3502ABLK
	Black Cap, Plastic Bushing, N/C	EG1929-ND	2.21	1.98	1.70	RP3502BLBK

Fig.	Description	Digi-Key Part No.	Price Each			E-Switch Part No.
			1	10	100	
5	Red Cap, Plastic Bushing, N/O	EG1930-ND	1.95	1.75	1.51	RP3502ARED
	Red Cap, Plastic Bushing, N/C	EG1931-ND	2.21	1.98	1.70	RP3502BRED
	Black Cap, Metal Bushing, N/O	EG1932-ND	3.02	2.70	2.33	RP3502MABLK
	Black Cap, Metal Bushing, N/C	EG1933-ND	3.39	3.03	2.61	RP3502MBLKB
	Green Cap, Metal Bushing, N/O	EG1934-ND	3.02	2.70	2.33	RP3502MAGRAN
	Green Cap, Metal Bushing, N/C	EG1935-ND	3.39	3.03	2.61	RP3502MAGRN
	Yellow Cap, Metal Bushing, N/O	EG1936-ND	3.02	2.70	2.33	RP3502MAYEL
	Yellow Cap, Metal Bushing, N/C	EG1937-ND	3.39	3.03	2.61	RP3502MAYEL
	Red Cap, Metal Bushing, N/O	EG1938-ND	3.02	2.70	2.33	RP3502MAREL
	Red Cap, Metal Bushing, N/C	EG1939-ND	3.39	3.03	2.61	RP3502MBRED
6	Illuminating Red LED Alt Action	EG2543-ND	6.29	5.62	4.85	RP3508BBLKREDREDNS
	Illuminating Green LED Alt Action	EG2544-ND	6.29	5.62	4.85	RP3508BBLKGRNREDNS
	Illuminating Green LED Momentary	EG4669-ND	6.29	5.62	4.85	RP3508ABLKGRNGRNS
	Illuminating Red LED Momentary	EG4670-ND	6.29	5.62	4.85	RP3508ABLKREDREDNS
	Illuminating Yellow LED Momentary	EG4671-ND	6.29	5.62	4.85	RP3508ABLKYELREDNS

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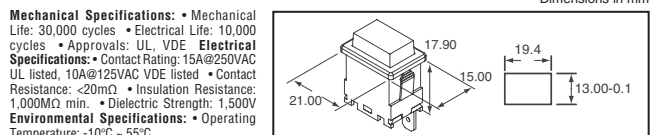
### 320 Series - Sold With Caps



320 Series switches are being used in a variety of applications in a great number of industries such as: Instrumentation, Test Equipment, Telecommunications, Audio Visual, and Computers. **Specifications:** • Travel: .028" (.7mm) • Operating Force: 120 grams • Type Of Contact: SPST • Contact Rating: 25mA/50V (DC) • Initial Resistance: 50mΩ • Life: 1 X 10<sup>6</sup> switching cycles • Snap Time: Closing: <50µs; Opening: <200µs • Materials: Housing: PC-CF; Knob: ABS or equivalent; Contacts (Fixed): CuZn Ag (gold available); Dome Contact: CrNi Au

Fig.	Description	Digi-Key Part No.	Price Each			E-Switch Part No.
320 Series - Sold With Caps						
1	Square, Recessed, Black	EG1301-ND	1.39	1.24	1.07	320E11BLK
	Square, Recessed, Grey	EG1303-ND	1.39	1.24	1.07	320E11GRY
	Square, Recessed, Red	EG1305-ND	1.39	1.24	1.07	320E11RED
	Square, Recessed, White	EG1308-ND	1.39	1.24	1.07	320E11WHT
	Square, Recessed, Yellow	EG2549-ND	1.39	1.24	1.07	320E11YEL
	Square, Recessed, Blue	EG2550-ND	1.39	1.24	1.07	320E11BLU
	Square, Recessed, Green	EG2551-ND	1.39	1.24	1.07	320E11GRN
	Standard Round, Black	EG1311-ND	1.75	1.56	1.35	320.02E11.08BLK
	Standard Round, Grey	EG1312-ND	1.75	1.56	1.35	320.02E11.08GRY
	Standard Round, Red	EG1315-ND	1.75	1.56	1.35	320.02E11.08RED
2	Standard Round, White	EG1318-ND	1.75	1.56	1.35	320.02E11.08WHT
	Standard Round, Yellow	EG2552-ND	1.75	1.56	1.35	320.02E11.08YEL
	Standard Round, Blue	EG2553-ND	1.75	1.56	1.35	320.02E11.08BLU
	Standard Round, Green	EG2554-ND	1.75	1.56	1.35	320.02E11.08GRN
	Large Round, Black	EG2568-ND	1.83	1.64	1.42	320.02E11.09BLK
	Large Round, Grey	EG2569-ND	1.83	1.64	1.42	320.02E11.09GRY
	Large Round, Yellow	EG2570-ND	1.83	1.64	1.42	320.02E11.09YEL
	Large Round, Blue	EG2571-ND	1.83	1.64	1.42	320.02E11.09BLU
	Large Round, Red	EG2572-ND	1.83	1.64	1.42	320.02E11.09RED
	Large Round, Green	EG2573-ND	1.83	1.64	1.42	320.02E11.09GRN
3	Large Round, White	EG2574-ND	1.83	1.64	1.42	320.02E11.09WHT
	Flat Square, Black	EG1321-ND	1.39	1.24	1.07	320.01E11BLK
	Flat Square, Grey	EG1322-ND	1.39	1.24	1.07	320.01E11GRY
	Flat Square, Red	EG1325-ND	1.39	1.24	1.07	320.01E11RED
	Flat Square, White	EG1328-ND	1.39	1.24	1.07	320.01E11WHT
	Flat Square, Yellow	EG2555-ND	1.39	1.24	1.07	320.01E11YEL
	Flat Square, Blue	EG2556-ND	1.39	1.24	1.07	320.01E11BLU
	Flat Square, Green	EG2557-ND	1.39	1.24	1.07	320.01E11GRN
	Tilted Square, Red	EG1345-ND	1.08	1.00	.87	320.22E11RED
	Tilted Square, Green	EG2560-ND	1.08	1.00	.87	320.22E11GRN
4	Tilted Rectangular, White	EG2567-ND	1.43	1.29	1.11	320.21E11WHT
	12 mm Finger Recessed Cap, Black	EG2575-ND	1.72	1.54	1.33	320.02E11.094BLK
-	12 mm Finger Recessed Cap, Grey	EG2576-ND	1.72	1.54	1.33	320.02E11.094GRY
	Momentary Black Short (Uses JN Caps)	EG2548-ND	1.32	1.18	1.02	320.02E11BLK
	Momentary Black Tall (Uses JN Caps)	EG4366-ND	1.35	1.21	1.05	320.03E11BLK

## Illuminated Panel Mount Pushbutton Switches



**Mechanical Specifications:** • Mechanical Life: 30,000 cycles • Electrical Life: 10,000 cycles • Approvals: UL, VDE **Electrical Specifications:** • Contact Rating: 15A@250VAC UL listed, 10A@125VAC VDE listed • Contact Resistance: <20mΩ • Insulation Resistance: 1,000MΩ min. • Dielectric Strength: 1,500V **Environmental Specifications:** • Operating Temperature: -10°C - 55°C

Circuit	Switching Function	Lamp Voltage	Actuator Color	Digi-Key Part No.	Price Each			E-Switch Part No.
SPST	On-Off	No Lamp	Black	EG4397-ND	1.68	1.50	1.30	PB1973ABLKBLKLEF0
SPST	On-Off	12VDC	Green	EG4398-ND	2.15	1.93	1.66	PB1973CBLKGRLEF3
SPST	On-Off	125VAC	Red	EG4399-ND	2.15	1.93	1.66	PB1973CBLKRLLEF1
SPST	Mom-Off	12VDC	Green	EG4400-ND	2.83	2.53	2.19	PB1973DBLKGRLEF3
DPST	On-Off	125VAC	Red	EG4401-ND	2.83	2.53	2.19	PB1973DBLKRLLEF1
DPST	Mom-Off	12VDC	Green	EG4402-ND	2.83	2.53	2.19	PB1973HBLKGRLEF3