S950 Keyswitch

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single pole, **S95010**
alternate action, **S95210**

LED lighted, **J7 modification**

11° plunger, **E9 modification**

Series S950 mechanical keyswitch is a low cost, compact switch with full travel (.150 inch). These characteristics make the S950 ideal for customized key pad designs and data entry devices.

options

Series S950 keyswitch is available with momentary or alternate action. Options include an 11° angled plunger (E9 modification) and an independent LED circuit (J7 modification)

specifications

electrical

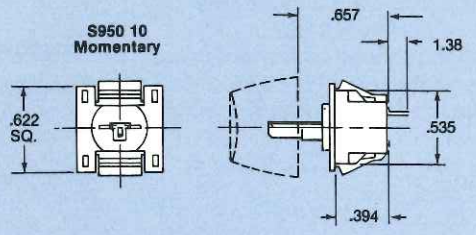
CONTACT RATING	12 VDC, .1 amp
CONTACT RESISTANCE	1 ohm maximum
CONTACT BOUNCE	5 m seconds maximum
LIFE	at 5 VDC, 5 MA
MOMENTARY ACTION	$1x10^7$ cycles
ALTERNATE ACTION	$3x10^5$ cycles
INSULATION RESISTANCE	10^7 M ohms

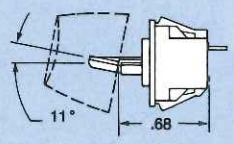
mechanical

PLUNGER TRAVEL	.14 inch
OPERATING FORCE	60 grams

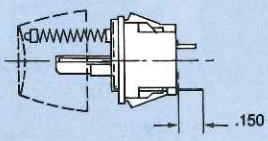
environmental

TEMPERATURE	from -5 to 50°C operating from -40 to 65°C storage
HUMIDITY	from 0 to 93% RH (noncondensing)

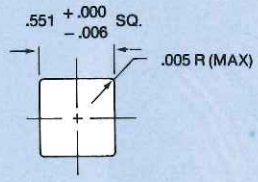




S950 10 E9
11° Angle Plunger



S950 10 J7
Lighted



panel mounting
dimensions

How To Order

Reed Switches

digits | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | # | # |

	1 ☐	all switches begin with prefix "S"
	2 ☐ 3 ☐	identifies the configuration and case dimensions
	4 ☐	identifies the action
step 1:	schematic	digit 5 = the number of normally open poles digit 6 = the number of normally closed poles
	7 ☐ 8 ☐	modifications—check Availability Table
	# ☐ # ☐	added mods—use as many digits as required

step 2: Order lens separately.

step 3: Order lamp separately.

Telephone Sequence Hook Switches

digits | 1 | 2 | 3 | 4 |

step 1:	1: ☐	all switches begin with prefix "S"
	2: ☐ 3: ☐	identifies the configuration and case dimensions
	4: ☐	identifies the action

step 2: Provide schematic which describes
— Number of poles
— Contact arrangement in off-hook position
— Sequence of contact operation from off-hook to on-hook position

example

S	88	0	10	E9	J7
switch	case configuration	momentary action	schematic	11° angled plunger	lighted