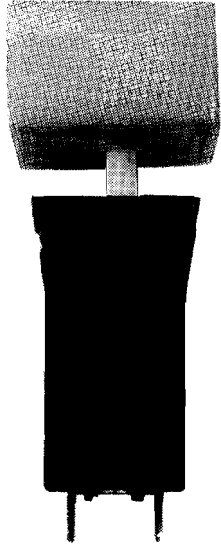


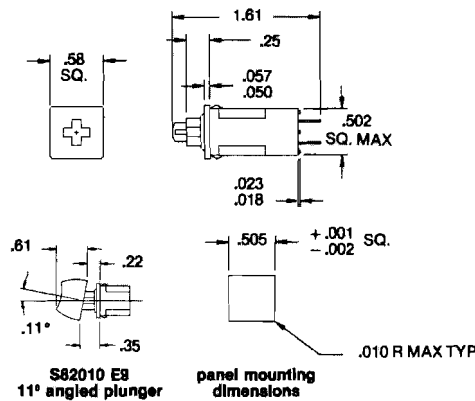
# S820 Reed Keyswitch



## S820 reed keyswitch

- single pole, **S82010**
- double pole, **S82020**
- lighted, **J7 modification**
- 11° plunger, **E9 modification**

Series S820 reed keyswitch features full travel, long life and sealed contacts. These rugged keyswitches are designed for use in an unlimited variety of panels, test equipment, special function key pads and other man/machine data entry devices.



### options

Series S820 keyswitch is available in single pole and double pole versions. An independent lamp circuit (J7 modification) and an 11° angled plunger (E9 modification) are commonly requested standard options.

### specifications

#### electrical

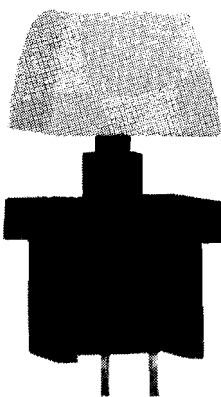
DIELECTRIC	175 VAC or 240 VDC, minimum
CONTACT BOUNCE	500 microseconds maximum
CONTACT RATING	DC resistive only - maximum limits are 0.05 amp, 100 VDC (5 VA)
CONTACT RESISTANCE	0.200 ohm maximum initially 1.0 ohm max after life
LIFE	5 million at 28 VDC, 0.125 amps

#### mechanical

PRE TRAVEL	0.060" minimum
OVERTRAVEL	0.020" minimum
PLUNGER TRAVEL	0.187" ± 0.02
OPERATING FORCE	2.5 ± 5 oz.

L1 TINNED LEAD

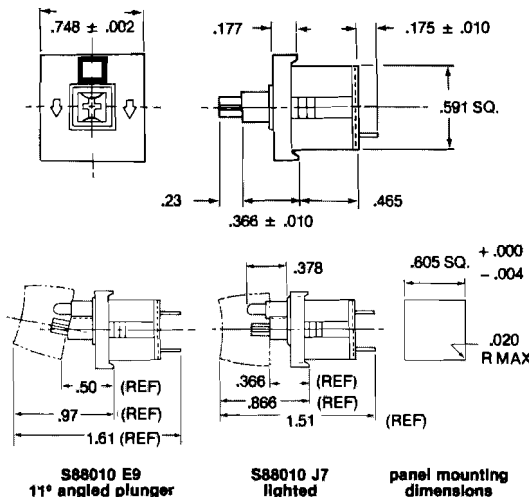
# S880 Reed Keyswitch



## S880 Reed Keyswitch

- single pole, **S88010**
- alternate action, **S88110**
- lighted, **J7 modification**
- 11° plunger, **E9 modification**

Series S880 Reed Keyswitch is rated at 100 million cycles and offers sealed contacts, full plunger travel and compact packaging. These rugged keyswitches are designed for use in an unlimited variety of panels, test equipment, special function key pads and other man/machine data entry devices.



### options

Series S880 keyswitch is available with momentary or alternate action. An independent lamp circuit (J7 modification) and an 11° angled plunger (E9 modification) are commonly requested standard options.

### specifications

#### electrical

DIELECTRIC	140 VAC or 200 VDC minimum
CONTACT BOUNCE	1 millisecond maximum
CONTACT RATING	0.300 amp maximum 100 VDC resistive
CONTACT RESISTANCE	0.300 ohm initial 1 ohm after life
LIFE	100x10 cycles at rated load

#### mechanical

PRETRAVEL	0.050" minimum
OVERTRAVEL	0.020" minimum
PLUNGER TRAVEL	0.165" typical
OPERATING FORCE	2.8 oz. typical

#### environmental

OPERATING TEMPERATURE	20°C to 60°C
STORAGE TEMPERATURE	-40°C to 70°C
VIBRATION	10g (10 HZ to 2 KHZ) 0.060 double amplitude
SHOCK	50g (11 milliseconds) 1/2 sine wave
RELATIVE HUMIDITY	(0 to 90%) noncondensing