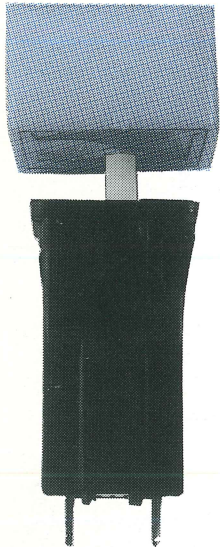
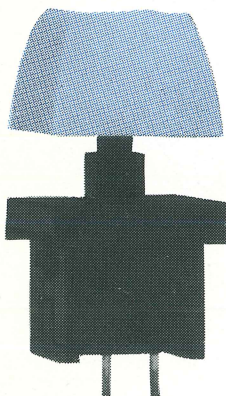


S820 Reed Keyswitch



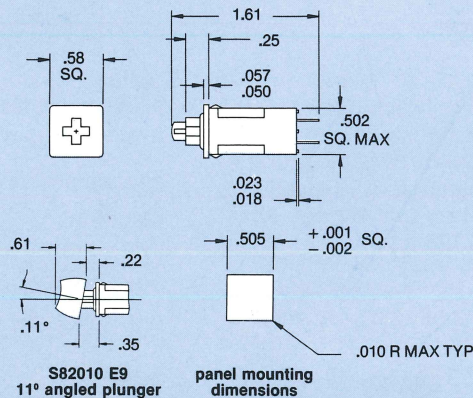
S880 Reed Keyswitch



S820 reed keyswitch

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

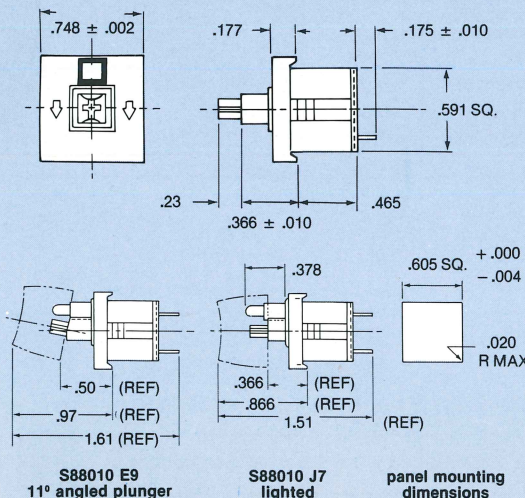
Series S820 reed keyswitch features full travel, long life and sealed contacts. These rugged keyswitches are designed for use in an unlimited variety of panels, test equipment, special function key pads and other man/machine data entry devices.



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.



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1826 Floradale Avenue
South El Monte, CA 91733-3689 USA
(626) 442-7180 Fax: (626) 350-8070
Email: info@electromechcomp.com

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.

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

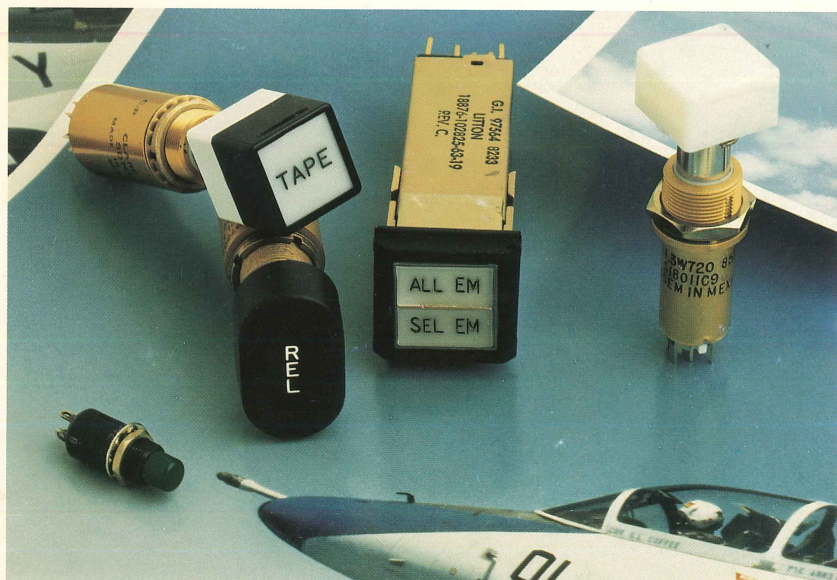
PRETRAVEL 0.050" minimum
OVERTRAVEL 0.020" minimum
PLUNGER TRAVEL 0.165" typical
OPERATING FORCE 2.8 oz. typical

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

CLARE-PENDAR

Switchlight and Pushbutton Switches



LENS CAPS, LIGHTED SWITCHES AND INDICATORS, MOUNTING ADAPTERS, REED AND HARD CONTACT SWITCHES, TELEPHONE SEQUENCE HOOKSWITCHES

**GENERAL
INSTRUMENT**

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- Chicago Miniature Lamps (312) 784-1020
- Clare Relays (312) 262-7700
- LED Displays and OPTO Electronic Devices (415) 493-0400
- Magnetic and Deflection Components (915) 592-5700
- Rectifiers and Power Semiconductors (516) 933-3000

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915/592-5700

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