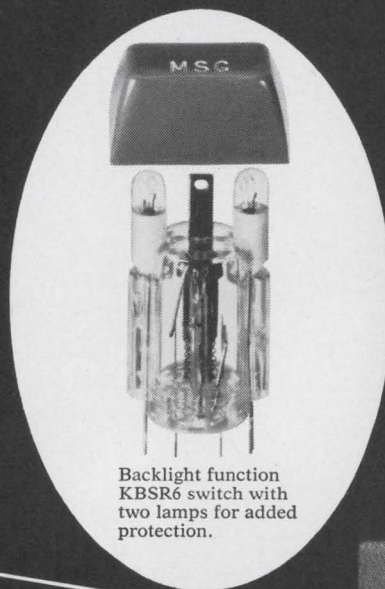




KBSR1 keyboard switch for logic encoding.



Backlight function KBSR6 switch with two lamps for added protection.



Two-level KBSR2 with double detent action for dual-circuit applications.

# RAYTHEON KEYBOARD SWITCHES:

## **high-reliability, low-cost reed types— now available from stock.**

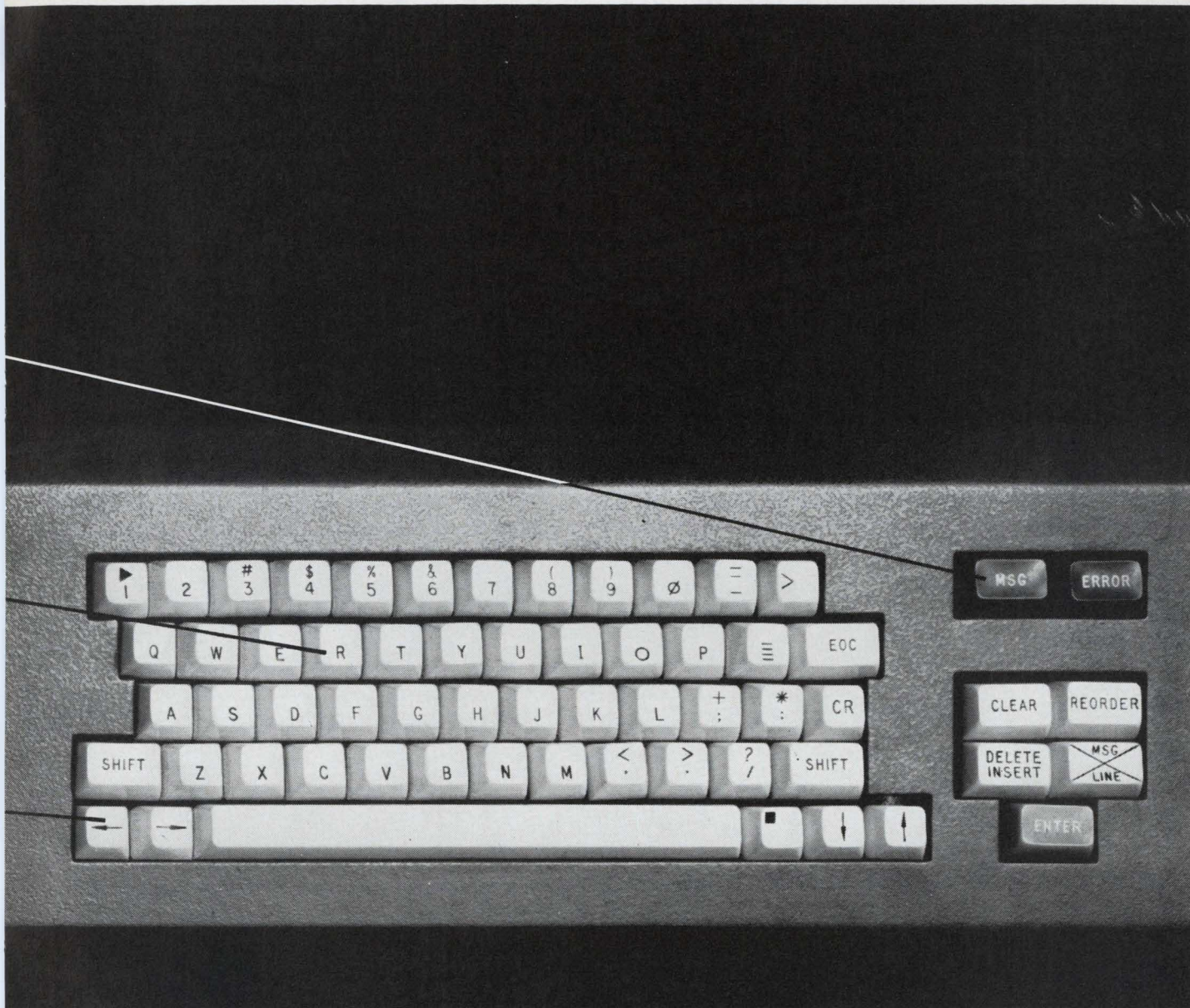
Designed for switching at logic levels, these handsome Raytheon keyboard reed switches have a featherlight touch that is precise and reliable. Just a 2½-oz. touch activates the switch. Bounce is less than 250 microseconds. Operation is smooth and quiet in both directions.

**Wide range of special electrical configurations** are available on special order to meet keyboard needs for data entry devices, calculators, data retrieval systems, and many other applications. Unique backlit switches and function lights, with two 25,000-hour lamps and matching cap designs, are also available.

**Two configurations of key caps**—regular square caps, white with black characters, and a truncated design with 2-color molded characters—are available. Standard colors are grey or black with white characters, and white with black characters. All alphanumerics available from stock. Caps with custom-engraving are available on special order.

**Long life expectancy\*.** In terms of on-off operations, mean operation to failure is 800,000,000 operations. At a usage rate of one per minute, the indicated MTBF is 19,000,000 hours. At worst case usage rate of one per second, MTBF is 300,000 hours.





**Highest quality materials used throughout:** stain-resistant caps, polycarbonate see-through cases; stainless steel springs and beryllium copper contact supports. Reed contact material is rhodium-plated for low contact resistance and long life.

**Unique low-cost mounting.** Switches are designed to be plugged into printed circuit boards 1/16" to 1/8" thick. Contact pins snap in and firmly lock in place for flow solder, dip solder, or hand soldering. No wiring or mounting hard-

ware is required. This unique, low-cost mounting significantly reduces installation time and costs.

All switches are available with flat bases or slanted bases with 10° slope.

**Send reader service card for complete information.** For free sample, write on your letterhead—describing your application—to *Raytheon Company, Industrial Components Operation, 465 Centre Street, Quincy, Massachusetts 02169.* \*Established in government-qualified testing laboratory.

