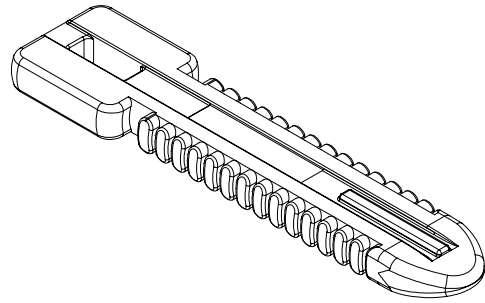
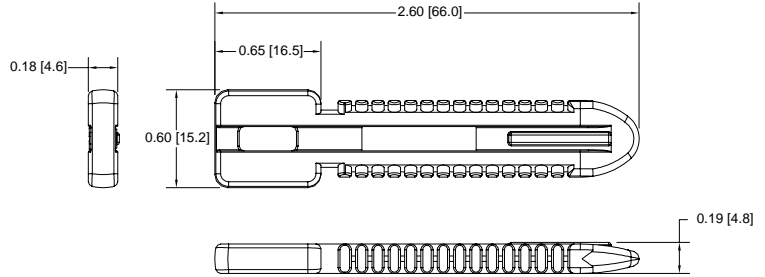


The PK64KC and PK256KB Parallel Memory Keys are convenient data carriers with 64Kb or 256Kb EEPROM memories. These rugged, read/write Keys are designed for use in heavy-duty commercial and industrial applications that require data carriers with maximum environmental tolerance and fast access to data. The parallel Key is constructed of tough material that supports long wear life and reliability -- even when exposed to dirt, moisture, chemicals, X-rays, and up to 15kV of electrostatic discharge. Each Key contains a parallel EEPROM that features byte or page writes, fast access times (150 ns typical), 10ms typical write cycle per page (32 bytes or 64 bytes per page), highly reliable-10,000 write cycles, and minimum data retention of 10 years.

| Mechanical | |
|-----------------------------------|---|
| Contact Life | 15,000 Insertions/Removal Cycles Min. |
| Key Head Shear Limit | 15 Pounds |
| Key Twist Torque Limit | 15 inch-pounds |
| Electrical | |
| Power, Active | 200 milliwatts typical (PK64KC); 400 milliwatts typical (PK256KB) |
| Power, Standby | 500 microwatts typical (PK64KC); 1500 microwatts typical (PK256KB) |
| Voltage | 5V operation and programming |
| ESD Protection | 15kV (per Std. 064-1028) |
| Environmental | |
| Storage Temperature | -40° C to + 85° C |
| Operating Temperature | 0° C to + 70° C |
| Relative Humidity | 5% to 95% (non-condensing) |
| Memory | |
| Key: | Capacity: |
| PK64KC | 64Kb (65,536 bits) 8192 x 8 |
| PK256KB | 256Kb (262,144 bits) 32768 x 8 |
| Read Cycles | Unlimited |
| Write/Erase Cycles | 10,000 Cycles Minimum |
| Data Life (Storage) | 10 Years Minimum |
| Mating Component(s) | |
| Panel-Mount Receptacle | KCU PK |
| PCB Mount Receptacle | KC16/64PCB |
| Reader/Writer | PKS-703 |
| Ordering Information ¹ | |
| PK64KC | 612-0026-000A |
| PK256KB | 612-0016-001A |



Refer to Keyceptacle® data sheets for pin-out information.



Drawing dimensions are in inches and millimeters [mm].
Dimensions are nominal and subject to manufacturer's tolerances.

NOTE:

1: "A" suffix on part number indicates RoHS compliance.

