## **Series SK**

# General Specifications

Part Number: SK

ber: SK14DGMG01

#### **Electrical Capacity (Resistive Load)**

Logic Level:

0.4VA maximum @ 28V AC/DC maximum (Applicable Range 0.1mA ~ 0.1A @ 20mV ~ 28V)

#### **Other Ratings**

**Contact Resistance:** 100 milliohms maximum **Insulation Resistance:** 100 megohms minimum @ 500V DC 500V AC minimum between contacts for 1 minute minimum **Dielectric Strength:** Mechanical Life: 30,000 operations minimum **Electrical Life:** 10,000 operations minimum Withstands 15 kilovolts ESD Static Capability: 0.02Nm (0.18 lb•in) Nominal Operating Force: **Contact Timing:** Break-before-make Angle of Throw: 45°



#### **Materials & Finishes**

Key: Housing:	Brass alloy with bright nickel plating and ABS resin handle Polyamide
Base:	Glass fiber reinforced polyamide
Rotor:	Glass fiber reinforced polyamide
Tumber Plate:	Brass
Movable Contacts:	Beryllium copper with gold plating
Stationary Contacts: Switch Terminals:	Brass with gold plating Brass with gold plating

#### **Environmental Data**

Operating Temperature Range:	–40°C through +85°C (–40°F through +185°F)
Humidity:	90 ~ 95% humidity for 240 hours @ 60°C (140°F)
Vibration:	10 ~ 55Hz with peak-to-peak amplitude of 1.5mm traversing the frequency range & returning
	in 1 minute; 3 right angled directions for 2 hours
Shock:	50G (490m/s <sup>2</sup> ) acceleration (tested in 6 right angled directions, with 5 shocks in each direction)

#### **PCB** Processing

Soldering: Cleaning:

Manual Soldering: lead-free, see profile below. Do not exceed these specifications.Hand clean locally using alcohol based solution.

Solder Iron Tip Temperature	370°C
Time on Terminal	4 seconds
Cycles	2

#### **Standards & Certifications**

These devices have not been tested for UL recognition or CSA certification. These devices are designed for use in a low-voltage, low-current, logic-level circuit. When used as intended in a logic-level circuit, the results do not produce hazardous energy.



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Slides

**Factiles** 

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Toggles

Rockers

Supplement Accessories

### Antistatic Snap-in Keylock

## Series SK



