



**SERIES 6C**

- Sealed surface mount pushbutton

**AGENCY APPROVALS**

**IP67** In conformity with:

- EN 60529: 1991
- IEC 529: 1989

**CHARACTERISTICS**

- Specially designed for surface mount with special high temperature plastic material.

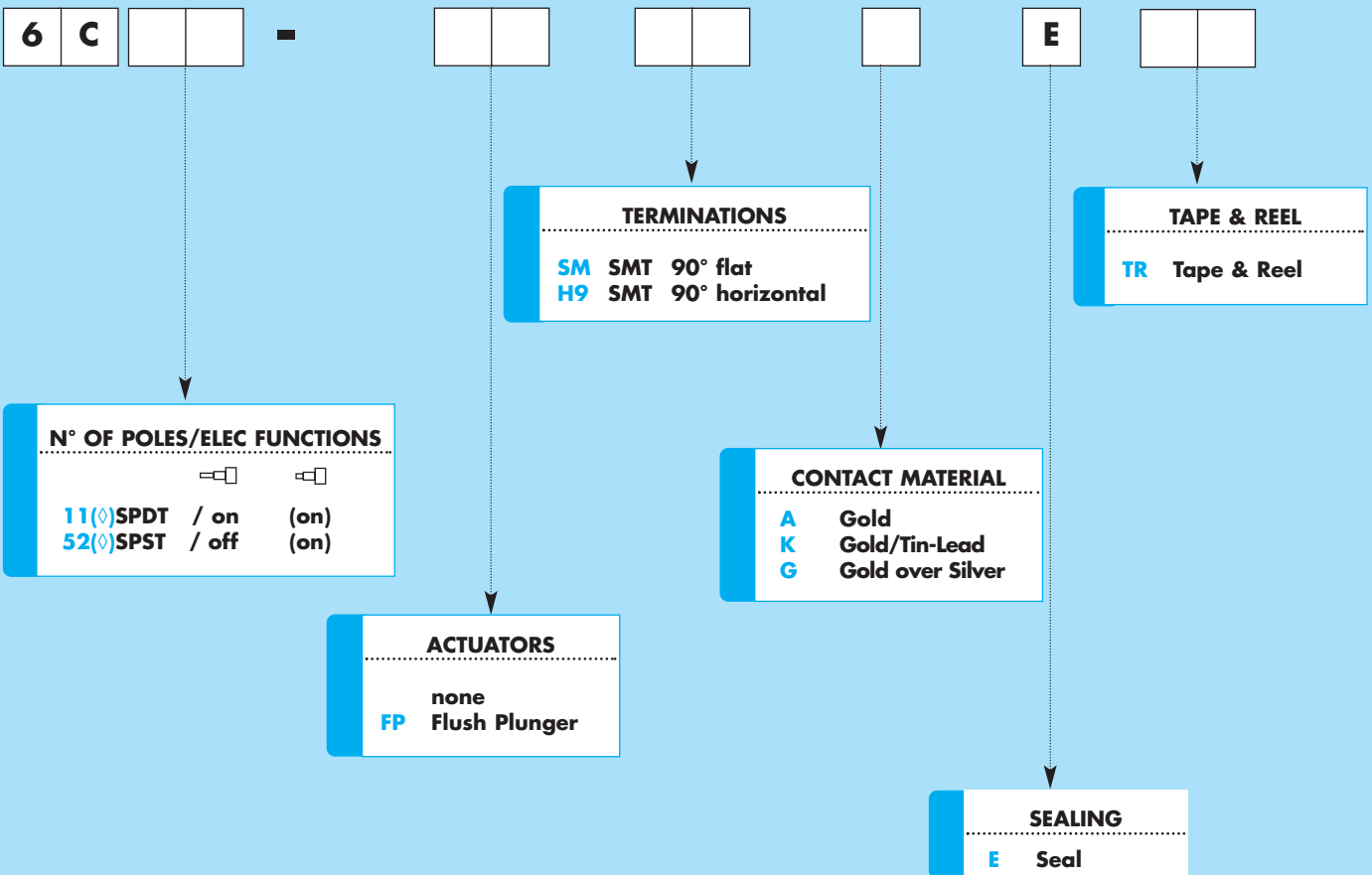
**SPECIFICATIONS**

**Contact Rating:** K (tin-lead) - 0.4 VA max @ 20 VAC or DC max  
**Electrical life:** 50,000 make and break cycles at full load  
**Contact Resistance:** 20 mΩ max. initial @ 2-4 VDC - 100 mA, for both silver and gold plated contacts  
**Insulation Resistance:** 1000 MΩ min.  
**Dielectric Strength:** 1500 VRMS @ sea level  
**Operating Temperature:** -30°C to 85°C

**MATERIALS**

**Case & bushing:** Glass filled nylon 4/6, flame retardant, heat stabilized (UL94V-0)  
**Plunger:** Thermoplastic polyester (UL94V-0) with internal o-ring seal  
**Switch support:** Brass, tin plated  
**Contacts:** Copper alloy with gold over nickel plated  
**Terminals:** Copper alloy with tin-lead alloy over nickel plated  
**Terminal seal:** Epoxy

**HOW TO ORDER**



(◇) Please enquire

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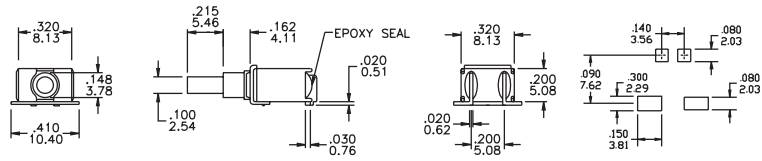
ELECTRICAL FUNCTIONS

DIMENSIONS

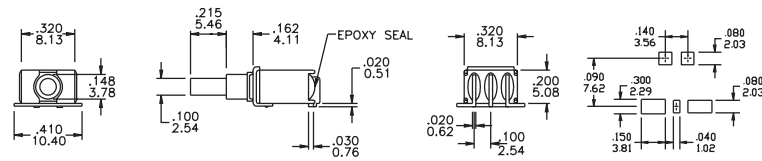
Type	Circuit
52 off (on)	
11 on (on)	2 Comm. NC 1  3 NO

TERMINATIONS

SM

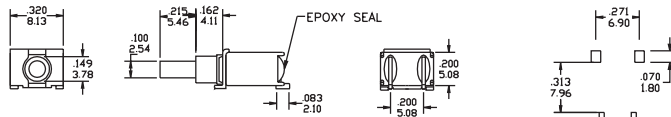


Part N° shown: 6C52-SMKE

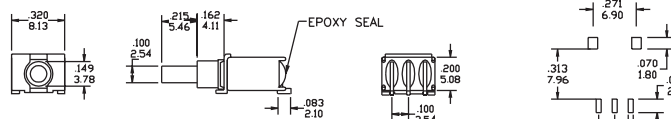


Part N° shown: 6C11-SMKE

H9



Part N° shown: 6C52-H9KE



Part N° shown: 6C11-H9KE



## SERIES 6C

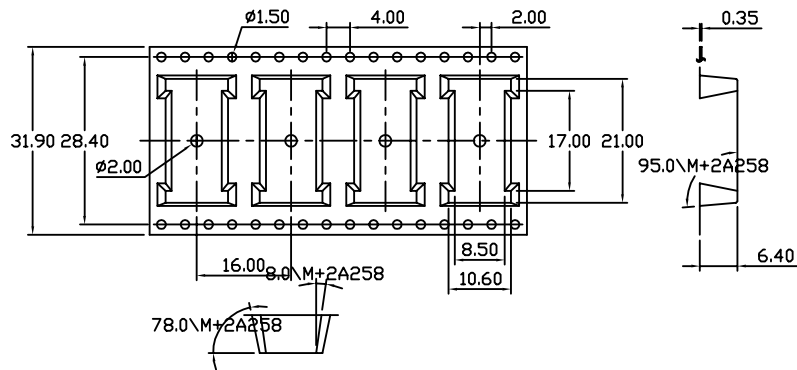
### CONTACT MATERIALS

### CONTACT RATINGS

- A** **Moving Contacts:** copper alloy with gold plating over nickel plating  
**Terminals:** copper alloy with gold plating over nickel plating  
**Rating:** 0.4 Volts/Amps max @ 20 Volts max (AC or DC)
- K** Same as **A**, but with pre-tinned terminals
- G** **Moving Contacts:** gold plating over silver  
**End Terminals:** gold plating over silver  
**Center Terminals:** gold plating over copper alloy, silver plated

### REEL TAPING

TR



### PACKAGING

### MARKING (on products)

### LABELLING (on packaging)

The switches are individually marked with the following information:

- Side 1** TRADE MARK  
SERIES AND MODEL  
DATE CODE
- Side 2** RATING  
CONTACTS

Note: Not all information may be available on some products.

The label on each tray gives full information on the products contained.

P/N: EL.FNC.: Q.TY: DATE CODE:	  Made in Taiwan
Remarks	

A Bar code indicating Model, Quantity, Date Code enables easy traceability.