

FEATURES

- Fully sealed construction
- Kinked tails hold switch to PC board during soldering
- Binary decimal (10 positions) and hexadecimal (16 positions), real and complimentary codes
- 4 different rotor styles; flat, indicator, knob and shaft style
- RoHS compliance

SPECIFICATIONS

- Current rating and voltage:
 - Non switching 125mA, 30V DC
 - Switching 125mA, 30V DC
- Contact resistance: 100mΩ max.
- Dielectric withstanding voltage: 250V AC for 1 minute
- Insulation resistance: 1,000MΩ min. at 250V DC
- Durability: 20,000 actuations
- Position: 10 and 16
- Operating temperature: -25°C to +85°C

ORDER CODE

KDS [] [] - [] [] **2** [] - **F**

- Series name
- Code: 10: Binary Decimal, 16: Binary Hexadecimal
- Type: 1: Flat Type, 2: Shaft Type, 3: Indicator Type, 4: Knob Type
- Code: 12: Real Code, 22: Compliment Code
- Color (Applicable for Knob Type Only): Omit: Black, R: Red, G: Green
- F: RoHS Compliance
- Real Code (●) / Compliment Code (○)

PIN No.	POSITION															
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C 1	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
C 2	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●
C 4	○	○	○	○	●	●	○	○	○	○	○	○	●	●	○	○
C 8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

MATERIAL

- Insulator: Glass-filled polyamide
- Contact: Copper alloy
- Contact plating: Gold over Nickel
- Rotor control: Polyacetal
- Rotor switch element: Glass epoxy, gold plating over nickel

Solvents

Acceptable

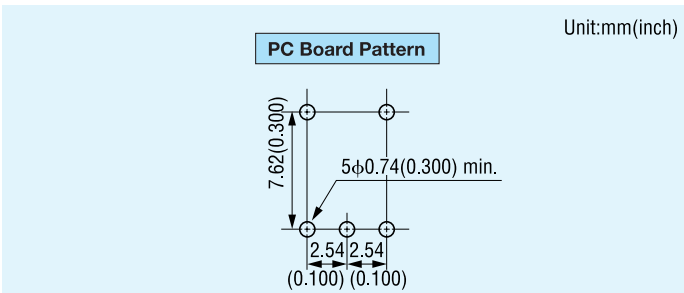
- Isopropyl alcohol
- Ethyl alcohol
- Toluene
- Benzine
- Trichlene (Trichloroethylene)
- Chlorothene (Trichloroethane)
- Freon (Trichlorotrifluoroethane)

Not acceptable

- Acethone
- Methanol

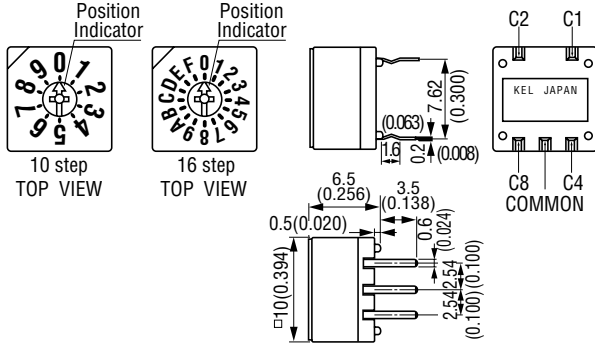
The tables shown below indicate circuits closed when switch is set to various positions.

As an example when switch KDS10-112 is set to position 7, tails 1-2-4 are common to "C".

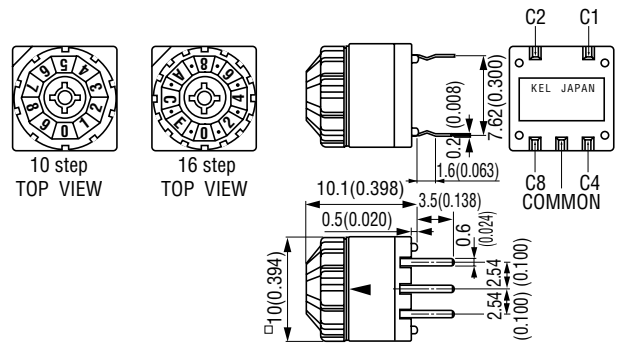


Packaging style	Pipe
Number of packaging	50

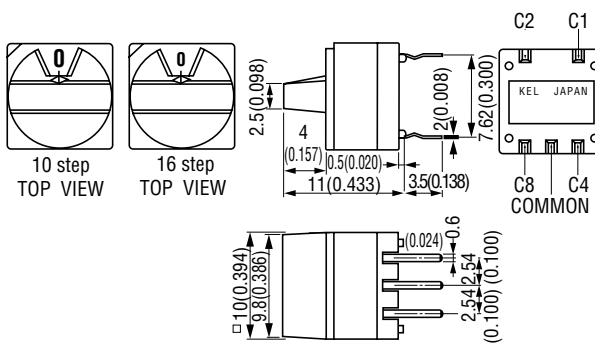
■ **Dimensions (Flat Type)**



■ **Dimensions (Indicator Type)**



■ **Dimensions (Knob Type)**



■ **Dimensions (Shaft Type)**

