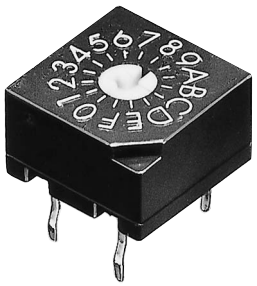
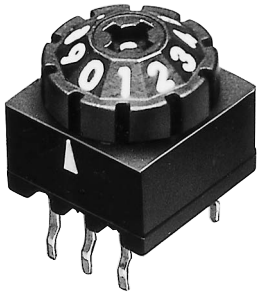
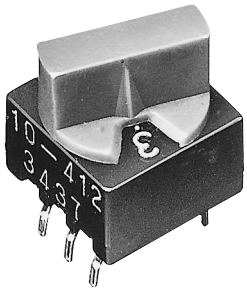
■ Flat Type



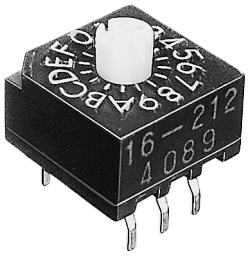
■ Indicator Type



■ Knob Type



■ Shaft Type



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℃ to +85℃

● ORDER CODE

KDS □□ - □ □2□ - F

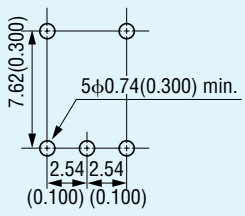
- F : RoHS Compliance
- Color (Applicable for Knob Type Only)
  Omit : Black
  R : Red
  G : Green
- Code
  12 : Real Code
  22 : Compliment Code
- Type
  1 : Flat Type
  2 : Shaft Type
  3 : Indicator Type
  4 : Knob Type
- Code
  10 : Binary Decimal
  16 : Binary Hexadecimal
- Series name

●···Real Code ○···Complement 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	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●

Unit:mm(inch)

PC Board Pattern



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 (Trichlorotrifuoroethane)

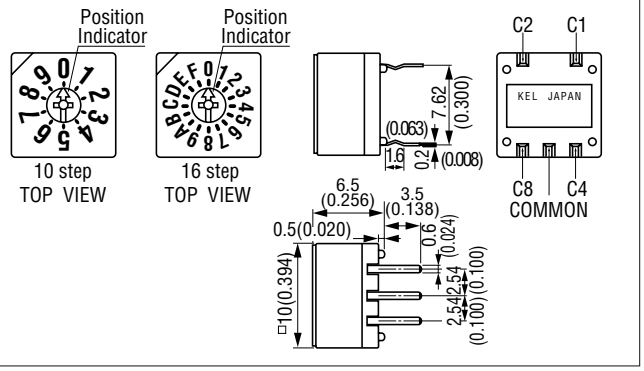
Not acceptable

- Acethone
- Methanol

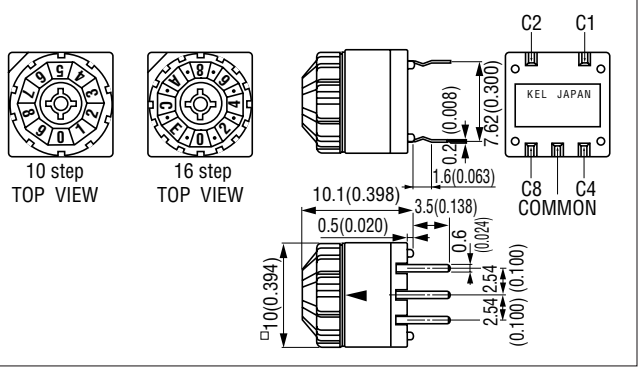
The tables shown below indicate circuits closed when switch is set to various positions.
As an example when switch KDS10-112 is set to position 7, tails 1-2-4 are common to “C”.

admatec
Schareggstrasse 3, CH-5506 Mägenwil
Tel. +41 62 896 00 48, Fax. +41 62 896 25 80
info@admatec.ch, www.admatec.ch

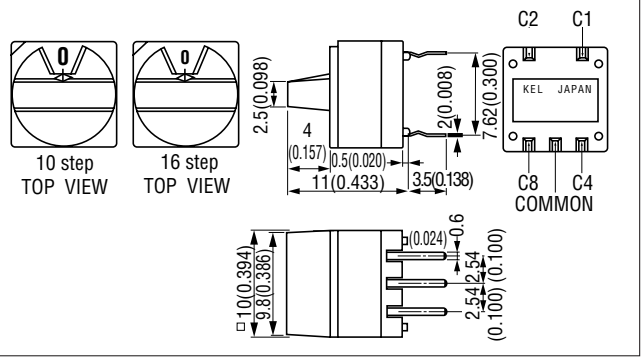
Dimensions (Flat Type)



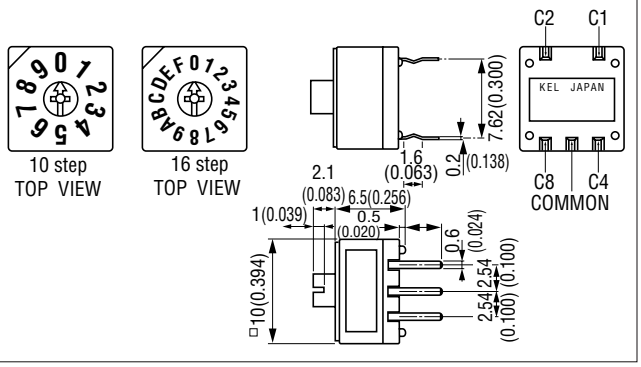
Dimensions (Indicator Type)



Dimensions (Knob Type)



Dimensions (Shaft Type)



admatec
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