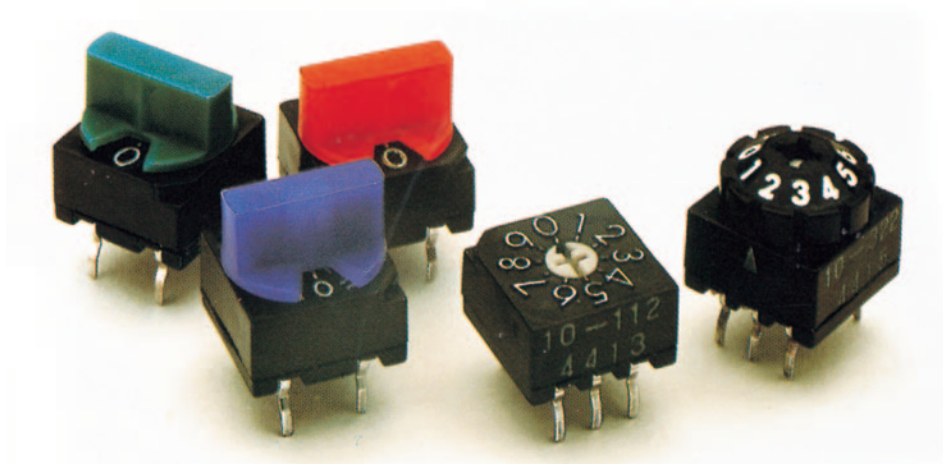


ROTARY CODED SWITCHES

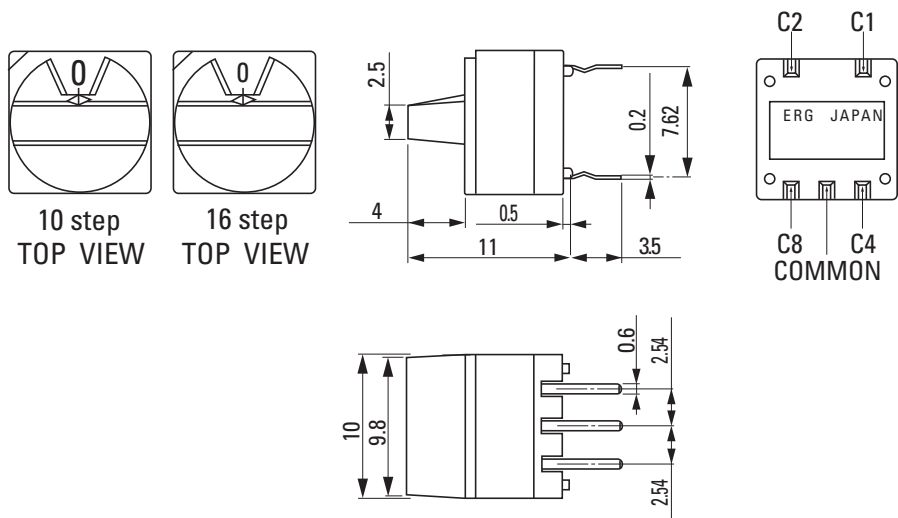
Binary decimal and binary hexadecimal the ERG Rotary Coded DIP Switches are available with large easy-to-operate colour coded knobs.

KEY FEATURES:

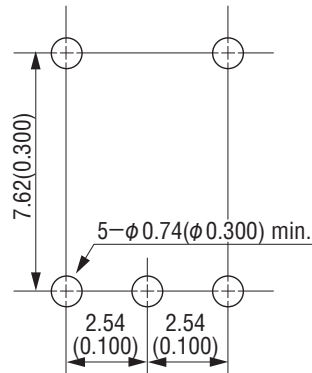
- Fully sealed and suitable for flow soldering and solvent cleaning.
- Switches have a black polyamide casing (UL94 rated).
- Bold white characters.
- Large easy-to-operate colour coded knobs.
- Gold plated wiping contacts for reliable low level switching.
- Consistent lead pitch with standard ICs.
- Products can be mounted, in series, on an IC-pitch printed circuit board.
- Kinked tails prevent lifting during soldering.



DIMENSIONS



PCB LAYOUT



MECHANICAL / ELECTRICAL / ENVIRONMENTAL CHARACTERISTICS:

Current rating and voltage:
 Non switching 125mA, 30V DC
 Switching 125mA, 30V DC

Contact resistance:
 100mΩ max.

Dielectric withstanding voltage:
 250V AC for 1minute

Insulation resistance:
 1,000MΩ min. at 250V DC

Lifecycle:
 20,000 actuations

No of Positions:
 10 and 16

Operating temperature:
 -25°C to +85°C

Insulator material:
 Glass-filled polyamide

Rotor material:
 Polyacetal

Contact material:
 Copper alloy

Contact plating:
 Gold over Nickel

PWB material:
 Glass epoxy

Pattern plating:
 Gold over Nickel

O-Ring material:
 Fluorine-contained rubber

10 POSITION BINARY DECIMAL

Part no.	Description	Actuator Colour	Code
ED53005	ERG 10-412/2	Red	Real code
ED53006	ERG 10-412/5	Green	Real code
ED53007	ERG 10-412/6	Blue	Real code
ED53008	ERG 10-422/2	Red	Complement code
ED53009	ERG 10-422/5	Green	Complement code
ED53010	ERG 10-422/6	Blue	Complement code

16 POSITION BINARY HEXADECIMAL

Part no.	Description	Actuator Colour	Code
ED53011	ERG 16-412/2	Red	Real code
ED53012	ERG 16-412/5	Green	Real code
ED53013	ERG 16-412/6	Blue	Real code
ED53014	ERG 16-422/2	Red	Complement code
ED53015	ERG 16-422/5	Green	Complement code
ED53016	ERG 16-422/6	Blue	Complement code

CODE TABLE

Pin No.	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
C1	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
C2	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●
C4	○	○	○	○	●	●	●	●	○	○	○	○	●	●	●	●
C8	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●

○ Complement code

● Real code