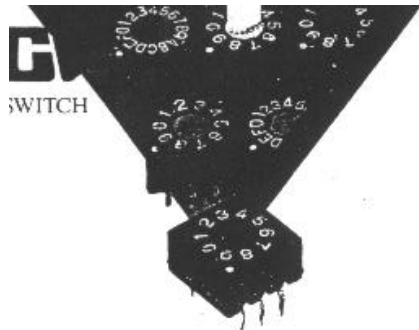


Jameco Part number 139635



ERD SERIES

ROTARY TYPE SEALED CONSTRUCTION

PATENT NO: 61003

FEATURES

- Molded-in terminals and fully sealed construction.
- Standard 2.54mm pin spacing.
- UL 94V-0 grade fire retardant plastics.
- Reliable contact and long-term stability.

SPECIFICATIONS

1 ELECTRICAL

- Max. load rating, Switching 25mA, 24VDC
- Non-switching 100mA, 50VDC.
- Contact resistance 100mΩ Max. at 5VDC, 10mA.
- Insulation resistance 1000MΩ min. at 100VDC
- Dielectric strength 250VAC for 1 minute

2 MECHANICAL AND ENVIRONMENTAL

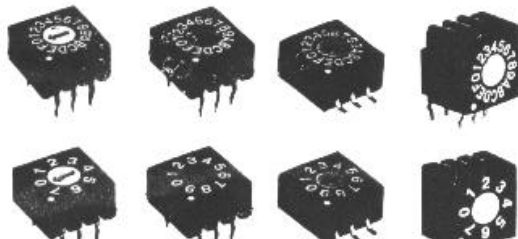
- Temperature Rating
 - Operating -25°C to +70°C
 - Storage -40°C to +85°C
- Operating Force 500 gf-cm Max.
- Life 10000 cycles min. of operations.
- Vibration MIL-STD-202F, Method 204D
- Solderability After flux 230 ± 5°C for 5 ± 0.5 second 95% coverage.
- Soldering Heat For Through Hole Type 260 ± 5°C for 5 ± 1 second.
- For Surface Mounting Type 260 ± 5°C for 10 ± 1 second
- 280 ± 5°C for 2 ± 0.5 second
- (Resistance to IR Reflow Soldering Heat)

CODE

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

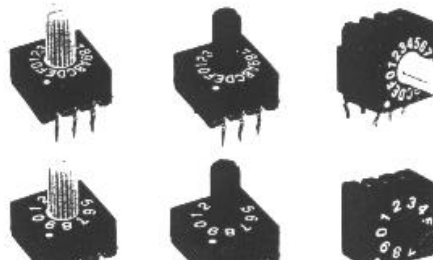
ERD 1 x x x x (Flat Type)

NEW



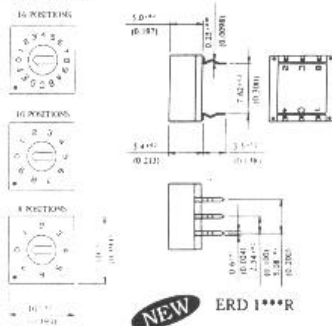
- Real Code
- Rotor color: White
- Complimentary Code
- Rotor color: Red

ERD 2 x x x x (Shaft Type)

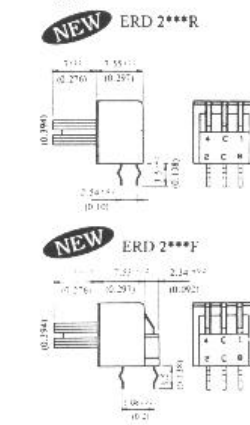
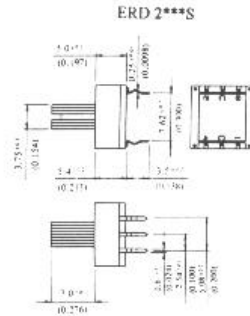
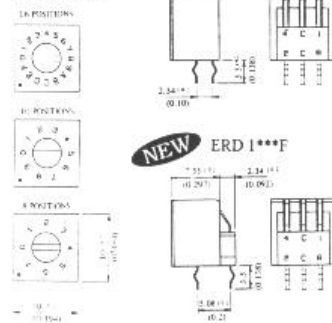


DIMENSIONS AND CIRCUITRY

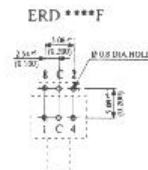
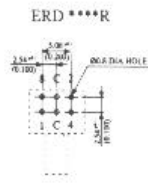
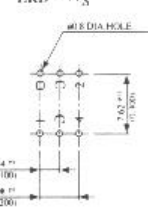
Flat Type



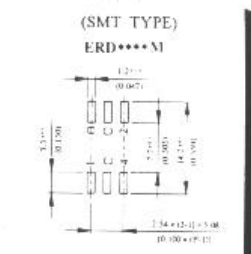
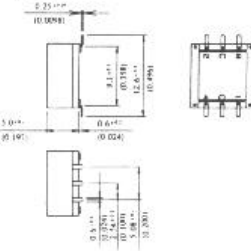
Shaft Type



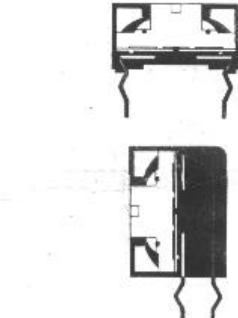
PCB LAY OUT (TOP VIEW)



Unit: mm (inch)



CONSTRUCTION PART NUMBERING SYSTEM



ERD 110 RS

Setting: S: Standard type (Top Adjust type)
R: Right Angle type with row spacing 2.54mm
F: Right Angle Type with row spacing 5.08mm
M: Surface Mounting type with Top Tape Sealed
D: Surface Mounting type with Top Tape Sealed in Tape & Reel Package

Code: R: Real
C: Complimentary

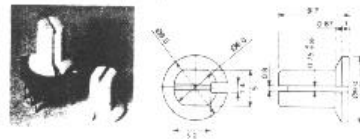
Number of Position: 08
10
16

Rotor: 1: Flat type
2: Shaft type

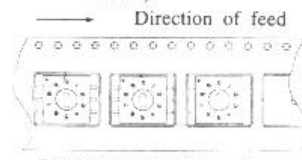
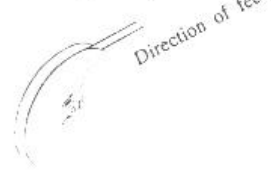
Series name: ERD: Rotary Type Sealed Construction

OPTIONS

1. Special marking available.
2. Shaft Cover
118-80100 (White)
118-80200 (Red)



3. Tape & Reel Packaging (per EIA STANDARD)
Flat type only



Each Reel contain 750 pcs switches with a 390mm minimum leader and a 160mm minimum trailer

ROTARY TYPE SEALED CONSTRUCTION