

DRG-7 SERIES

SMALL SIZE 7x7 ROTARY TYPE

FEATURES

- Flat type with outer dimensions 7.2 mm square; 4.0 mm high on board for through hole type and 3.6 mm high on board for surface mounting type.
- Top size 7.2 x 3.5 mm², 8 mm high on board for side adjust type.
- Positions (10,16) and switch code can be identified by color rotor.
- Gold plated contact area ensures reliable electric continuity for micro current.

SPECIFICATIONS

1 ELECTRICAL

- Contact rating
Max.switching load 100 mA, 5 VDC
Min.switching load 10 μA, 5 VDC
- Contact resistance 200 mΩ Max., 1.5 mA, 200 μVDC
- Insulation resistance 100 MΩ Min., 100 VDC
- Dielectric strength 250 VAC(rms), 60 sec.

2 MECHANICAL and ENVIRONMENTAL

- Temperature rating
Operation -25°C~+70°C
Storage -25°C~+85°C
- Operation force 510 gf-cm Max.(Rotational torque)
- Durability 10,000 detents Min.



PART NUMBERING SYSTEM

DRG — 7 10 L R M C G P *

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

- | | | |
|--|--|---|
| (1) Series name
DRG: Rotary type DIP switch | (6) Terminal
Blank: standard type(Top adjust type)
R: Right angle type
M: Surface mounting type
RM: Right angle with surface mounting type | (8) Ground terminal
Blank: Without
G: With
(Ground terminal standard with right angle(R & RM)type, and option with other types.) |
| (2) Size
7: 7.2x7.2mm ² | (7) Packaging
Blank: Tube packaging
C: Tape & reel packaging
(For SMT(M & RM) type only) | (9) Rotor
N: Minus "-"
P: Plus "+" |
| (3) Number of positions
10,16 | (10) Options
Blank: Standard
F: RoHS compliance | |
| (4) Rotor
L: Flat type | | |
| (5) Code
R: Real
C: Complement | | |

PACKAGING Unit:Tube/Reel

Packaging	No.of pcs. per unit	Positions	10	16
Tube packaging	Standard type		65	65
	Right angle type		55	55
	Surface mounting type		65	65
	Right angle with surface mounting type		55	55
Reel packaging	Surface mounting type		1000	1000
	Right angle with surface mounting type		500	500

※ Ground terminal doesn't influence packaging quantity.

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DIMENSIONS Unit: mm(inch)

