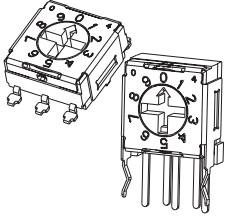


SERIES DRG7

- Rotary sealed miniature encoders
- 7x7 mm²



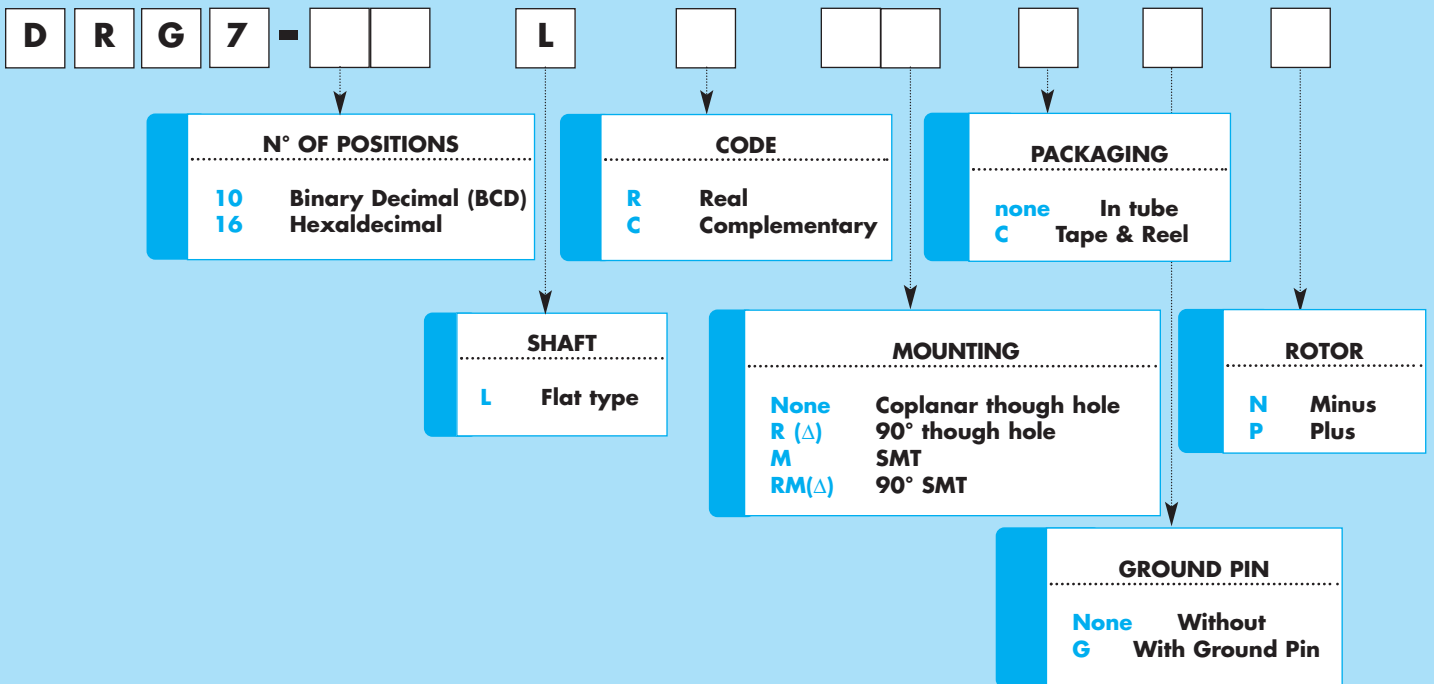
CHARACTERISTICS

- 7x7 mm² by 4 mm high
- SMD models 3.6 mm high
- UL94V-0 Materials
- Binary Decimal and Hexadecimal codes
- Gold plated contacts
- Earth terminal available
- O ring seal for washing
- Tape & Reel for SMD models
- Tin plated terminals

SPECIFICATIONS

Rating: Switching 100mA, @ 5 VDC
 Non Switching 100 mA @ 50 VDC
Contact Resistance: 200 m Ω max, 1.5 mA
Insulation Resistance: 100 M Ω @100VDC
Dielectric Strength: 250 VDC, 1 Min
Temperature: Operating -25°C to + 70°C
 Storage -25°C to +85°C
Life: 10000 Operations
Operating Force: 510 Gr/cm Max
Vibration: per Mil - STD-202F, method 204D
Solderability: After flux 235 ±5°C for 2 ±0.5 secs
 95% coverage

HOW TO ORDER



(Δ) Not available with ground pin

SERIES DRG7

NUMBER OF POSITIONS

10
BCD
(1 out of 10 Codes)

PIN N°	POSITION									
	0	1	2	3	4	5	6	7	8	9
1	○	●	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○	○	○
4	○	○	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○	○	○

Marked 0 - 9 on the face

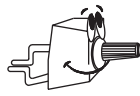
16
Hexadecimal
(1 out of 16 Codes)

PIN N°	POSITION															
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
1	○	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○
2	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
4	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
8	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

Marked 0 - 9, A, B, C, E, F on the face

Colour coding for rotors

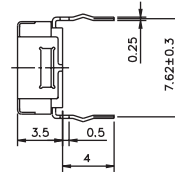
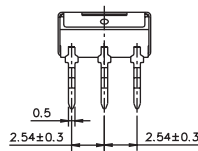
	Real Code	Complementary Code
Rotor Colour	Red	Green



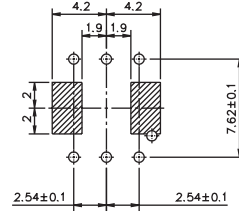
SERIES DRG7

MOUNTING AND DIMENSIONS

none
Coplanar

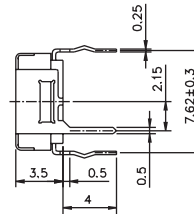
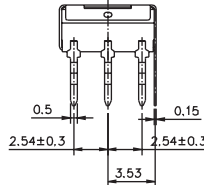
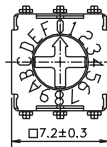


P.C.B. MOUNTING HOLE

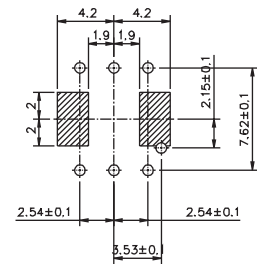


Part N° shown: DRG7-16LRP

none - G
Coplanar with
Ground Pin

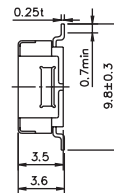
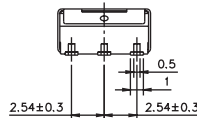
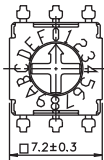


P.C.B. MOUNTING HOLE

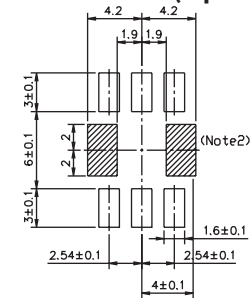


Part N° shown: DRG7-16LGP

M
Coplanar SMT

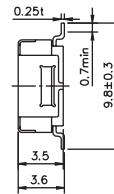
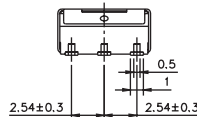
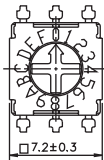


P.C.B. LAYOUT (top view)

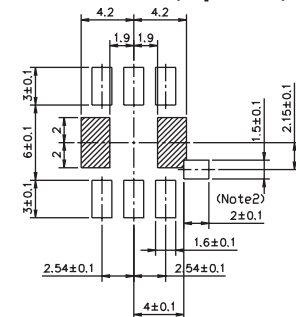


Part N° shown: DRG7-16LRCP

M - G
Coplanar SMT with
Ground Pin



P.C.B. LAYOUT (top view)

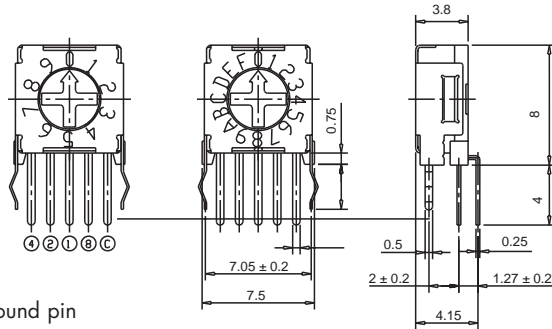


Part N° shown: DRG7-16LRCGP

SERIES DRG7

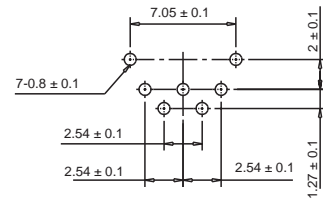
MODEL AND DIMENSIONS

R

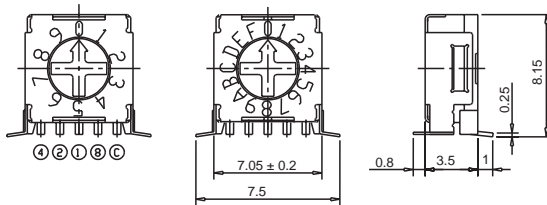


Not available with ground pin

P.C.B. MOUNTING HOLE

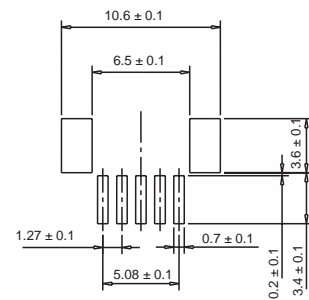


RM



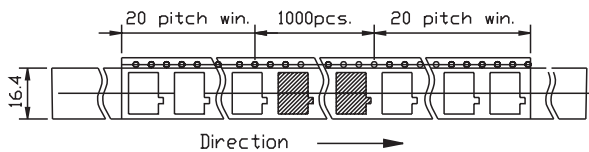
Not available with ground pin

P.C.B. MOUNTING HOLE



PACKAGING

Tape & Reel: M 1000 pcs for reel



LABELLING (on packaging)

The label tray gives full information on the products contained.

P/N:	
EL.FNC.:	
Q.TY:	
DATE CODE:	
Made in Taiwan	
Remarks	

A Bar code indicating Model, Quantity, Date Code enables easy traceability.