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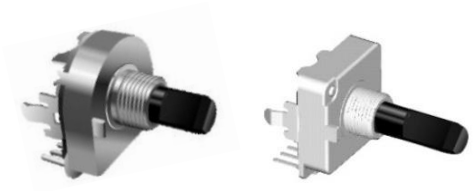
20mm Gray & Binary Rotary Encoder

Application

- ✓ Audio, Home appliance, Precision apparatus, Automotive, Communication, Industrial control, etc.

Feature

- ✓ Encoder programmed with 4 bit coding for varies digital circuit.



■Specification

Rotation Angle	360° endless
Rating Voltage	10V DC 10mA
Operating Temperature Range	-10 °C~85 °C
Rotational Torque	50 ~ 350 gf.cm
Rotational Life	50,000 cycles (rotate 360° ccw and rotate 360° cw as 1 cycle)

■How to order

RE2001F – 40E2 – 20F – 4G

Model

Terminal Type

Code	Terminal type	Switch
20	Horizontal	Without switch
40	Vertical	Without switch

Code	Bushing Type (D)	
E2	Ø9mm	6mm

Shaft

Resolution

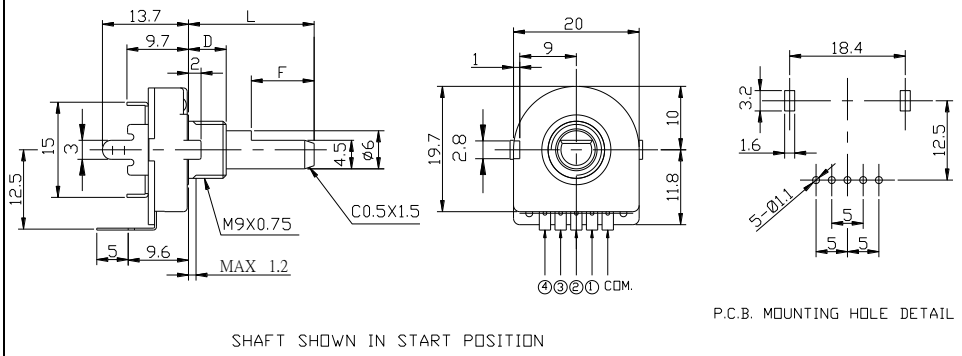
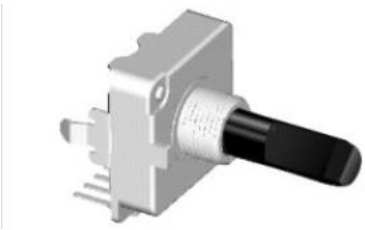
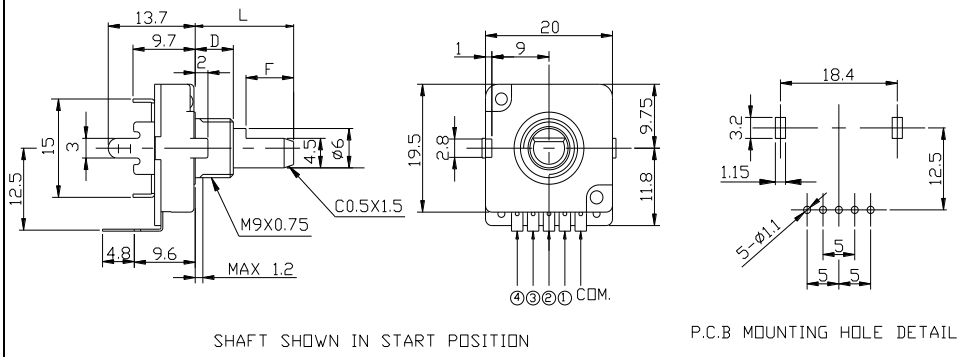
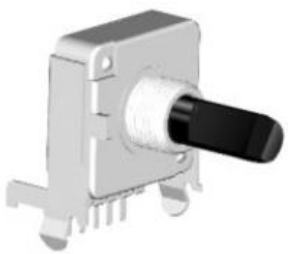
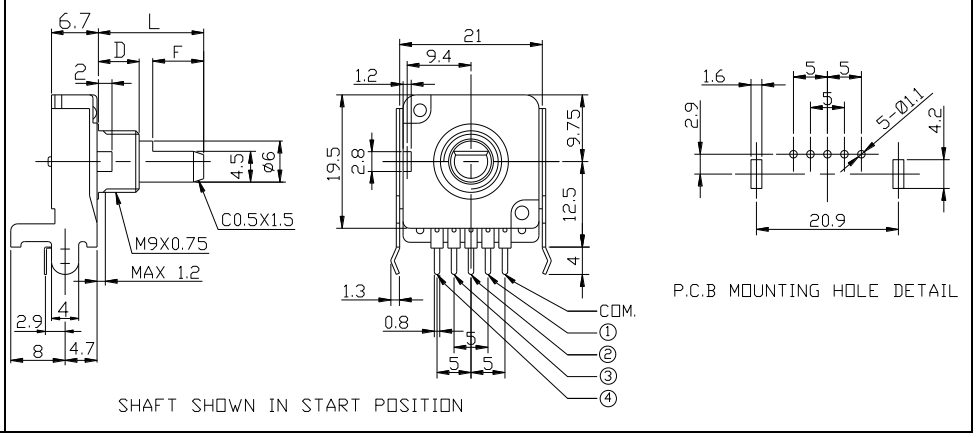
Code	Position Type
4G	16-Position Gray Code

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20mm Gray & Binary Rotary Encoder

■Model Description

Model	Terminal Type	Switch	Bushing Type (D)		Bushing Thread
RE2001F-40E2	Vertical	Without switch	Ø9mm	6mm	With thread
RE200F-40E2	Vertical	Without switch	Ø9mm	6mm	With thread
RE200F-20E2	Horizontal	Without switch	Ø9mm	6mm	With thread

Order code	Outline Drawing
RE2001F-40E2 	
RE200F-40E2 	
RE200F-20E2 	

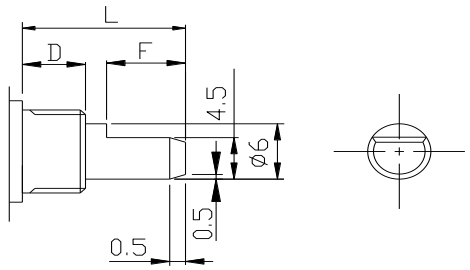
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20mm Gray & Binary Rotary Encoder

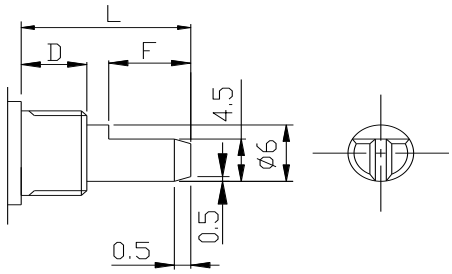
■ Shaft and Bushing Dimensions

F Type



D	6(E2)	6(E2)
L	15.5	20
F	7.5	10

A Type



D	6(E2)
L	25
F	12

■Standard Codes

The ● mark shows the ON position

Code	Terminal	Position 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Gray	1		●	●			●	●			●	●			●	●	
	2			●	●	●	●					●	●	●	●		
	3					●	●	●	●	●	●	●	●				
	4									●	●	●	●	●	●	●	●

■Standard Codes

The ● mark shows the ON position

Code	Terminal	Position 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Binary	1		●		●		●		●		●		●		●		●
	2			●	●			●	●			●	●			●	●
	3					●	●	●	●					●	●	●	●
	4									●	●	●	●	●	●	●	●

Design and specifications presented here are for the standard parts only. Please kindly contact us for your special requests and ask for the current technical specifications before purchase and/or use.

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