

11mm Metal Shaft Rotary Encoder

Application

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

Feature

- ✓ Incremental Output Signal Encoder



■Specification

Rotation Angle	360° endless
Rating Voltage	5V DC 10mA (I mA Min.)
Operating Temperature	-10 °C~70 °C
Rotational Torque	30 ~ 200 gf.cm
Rotational Life	15,000 cycles (rotate 360° ccw and rotate 360° cw as 1 cycle)
Switch Circuit	S.P.S.T. (Push on)
Switch Stroke	0.5 mm
Switch Rating	16V DC 0.5A (10mA Min.)
Switch Operating Force	600±300 gf.cm
Switch Operating Life	20,000 times

■How to order

RE11LF – 40(D)N – 20F – 15P

[Model](#)

[Resolution](#)

Order Code	Pulses	Detents
15P	15	30

[Shaft](#)

Terminal Type

Code	Terminal type	Switch
40	Vertical	Without switch
41	Vertical	With switch

Code	Bushing Type (D)	
B1	Ø7mm	5mm

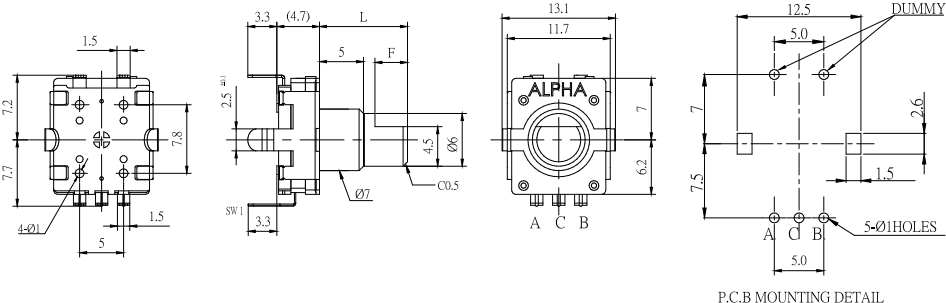
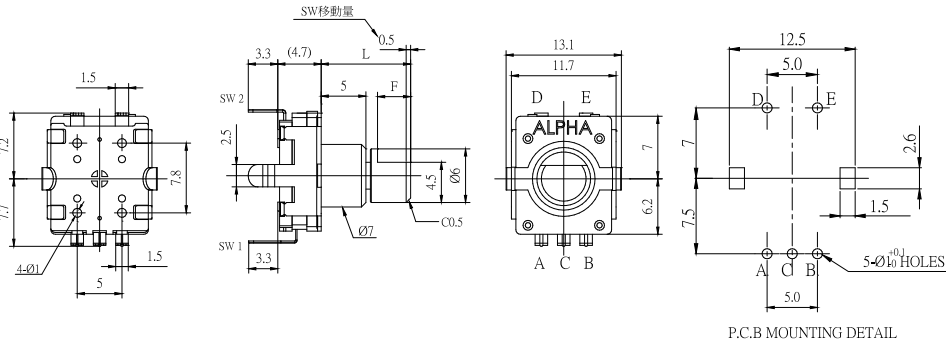
N means Without thread

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■Model Description

Model	Terminal Type	Switch	Bushing Type (D)		Bushing Thread
RE11LF-40B1N	Vertical	Without switch	Ø7mm	5mm	Without thread
RE11LF-41B1N	Vertical	With switch	Ø7mm	5mm	Without thread

MOQ: 10,000pcs for each specification/ Part number.

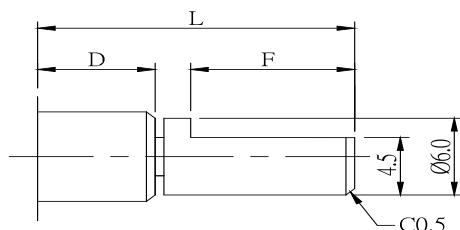
Order Code	Outline Drawing
RE11LF-40B1N 	 P.C.B MOUNTING DETAIL
RE11LF-41B1N 	 P.C.B MOUNTING DETAIL

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■ Shaft and Bushing Dimensions

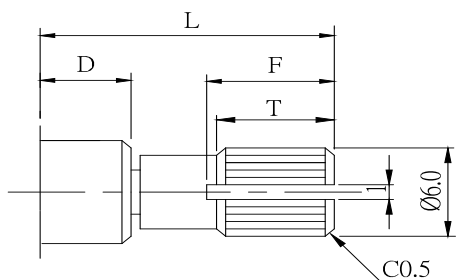
F Type



Without switch & With switch

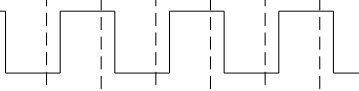
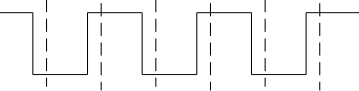
D	5(B1)	5(B1)	5(B1)
L	15	20	25
F	6	10	12

K Type



D	5(B1)
L	15
F	7
T	6

■ Resolution and Output Signal

Model	Resolution (Pulses/Rotation)	Detent Number	Output Signal Format		
			Shaft Rotational Direction	Signal	Output
RE11LF	15/360°	30	C.W.	A (Terminal A-C)	OFF ON 
				B (Terminal B-C)	OFF ON 

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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[RE11LF-41B1N-12F-15P](#) [RE11LF-40B1N-10F-15P](#)