

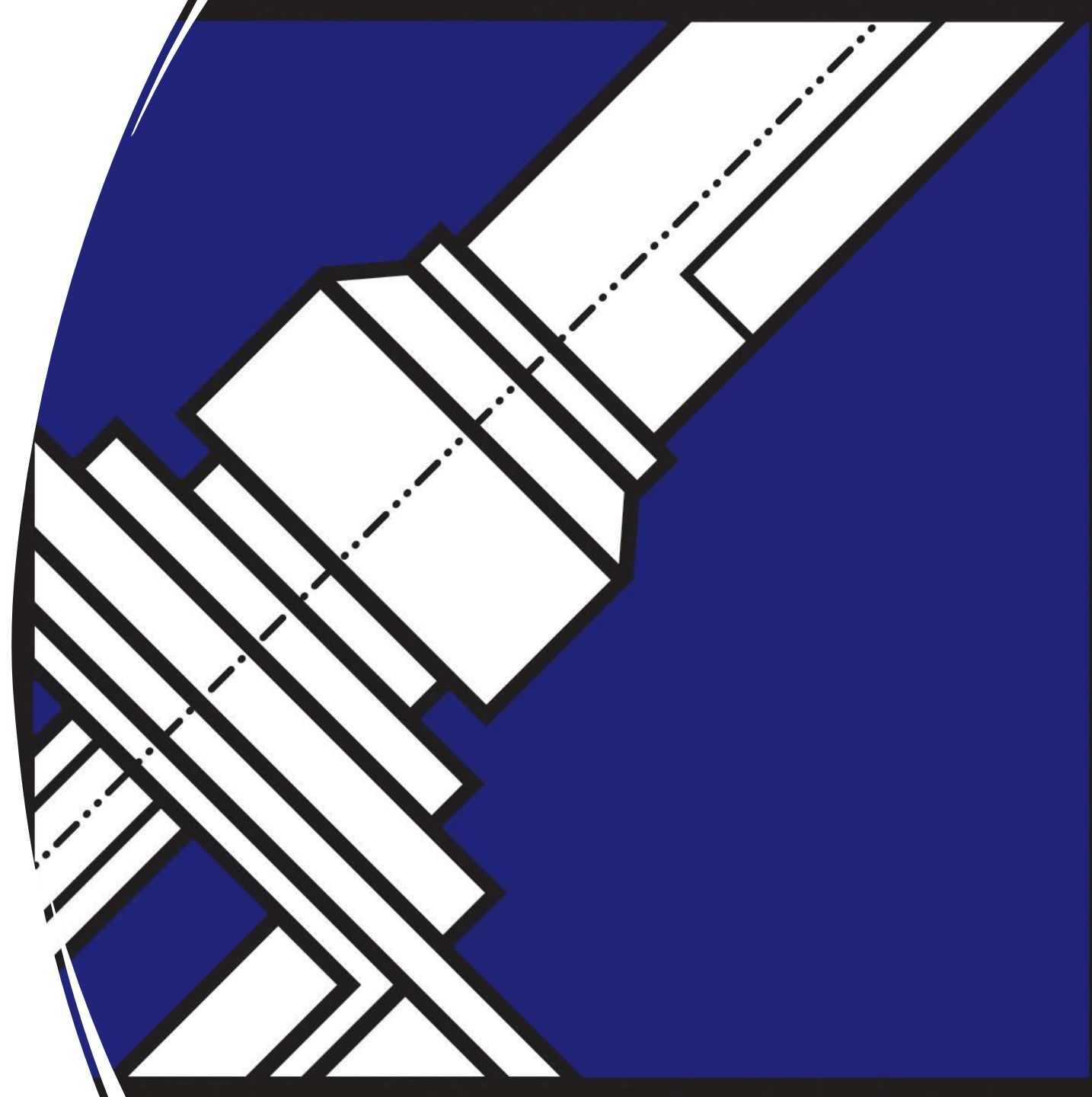
10 mm Encoders

Types of 10mm CP pots:

- Model DC10F Encoder
- Model DC10J Encoder

These will be further classified as :-

Vertical/horizontal type, DIP/SMD type



ENCODER

10mm Size Hollow Shaft Type Encoder



◆ FEATURE

- Small body as thin as 5.1mm. Height from the shaft center to the product top is only 4mm.
- A long-life type that can operate more than 100,000 cycles..
- Taper is provided inside the through shaft.

◆ APPLICATIONS

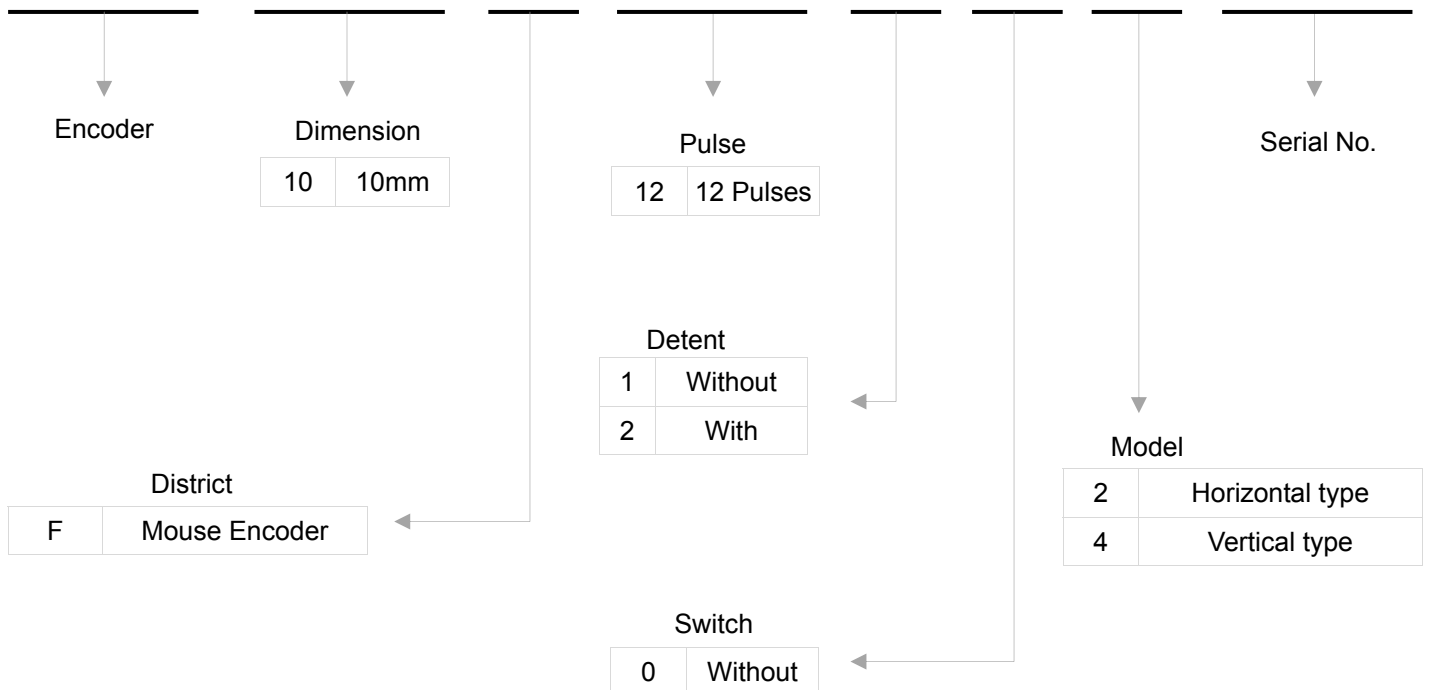
- Various controls for personal computer input device. AV equipment communication equipment etc.
- Keyboard's select control.

◆ COMMON SPECIFICATIONS

Pulse	Number of detent	Phase difference (msec)	Chattering (msec)	Sliding noise (msec)	Insulation resistance	Dielectric strength	Detent torque (gf · cm)	Rotational life (cycle)
12	0 24	4	5	5	50V DC 50MΩ MIN	50V AC 1 min	10~50	100,000

◆ PRODUCT NUMBERING SYSTEM


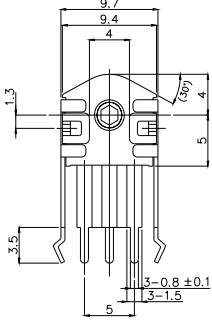
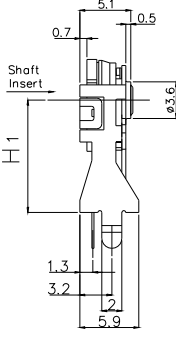
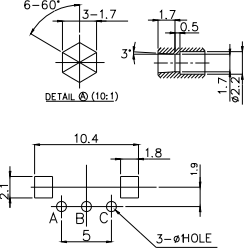

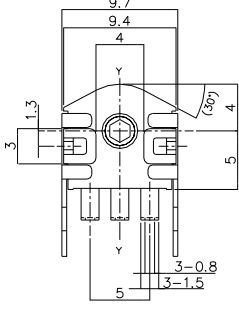
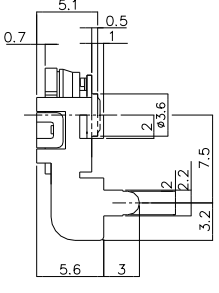
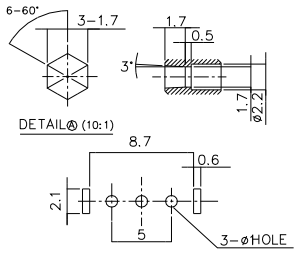
D	C	1	0	F	1	2	2	0	2	0	1
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ENCODER

10mm Size Hollow Shaft Type Encoder

DIMENSION Unit : mm

Model	Dimensions								
<p>DC10F12202 horizontal type</p> 		 <p>Shaft Insert</p>	 <p>DETAIL $\times 10:1$</p> <p>P.W.B MOUNTING DETAIL VIEWED FROM MOUNTING SIDE</p> <table border="1" data-bbox="1385 562 1469 696"> <thead> <tr> <th>H₁</th> </tr> </thead> <tbody> <tr><td>5</td></tr> <tr><td>7</td></tr> <tr><td>9</td></tr> <tr><td>11</td></tr> <tr><td>13</td></tr> </tbody> </table>	H ₁	5	7	9	11	13
H ₁									
5									
7									
9									
11									
13									
<p>DC10F12204 vertical type</p> 			 <p>DETAIL $\times 10:1$</p> <p>P.W.B MOUNTING DETAIL VIEWED FROM MOUNTING SIDE</p>						

ENCODER

10mm Size Knob Type Encoder



◆ FEATURE

- Provides high-level operation feeling.
- Multi-detent is available.
- Available for reflow soldering.

◆ APPLICATIONS

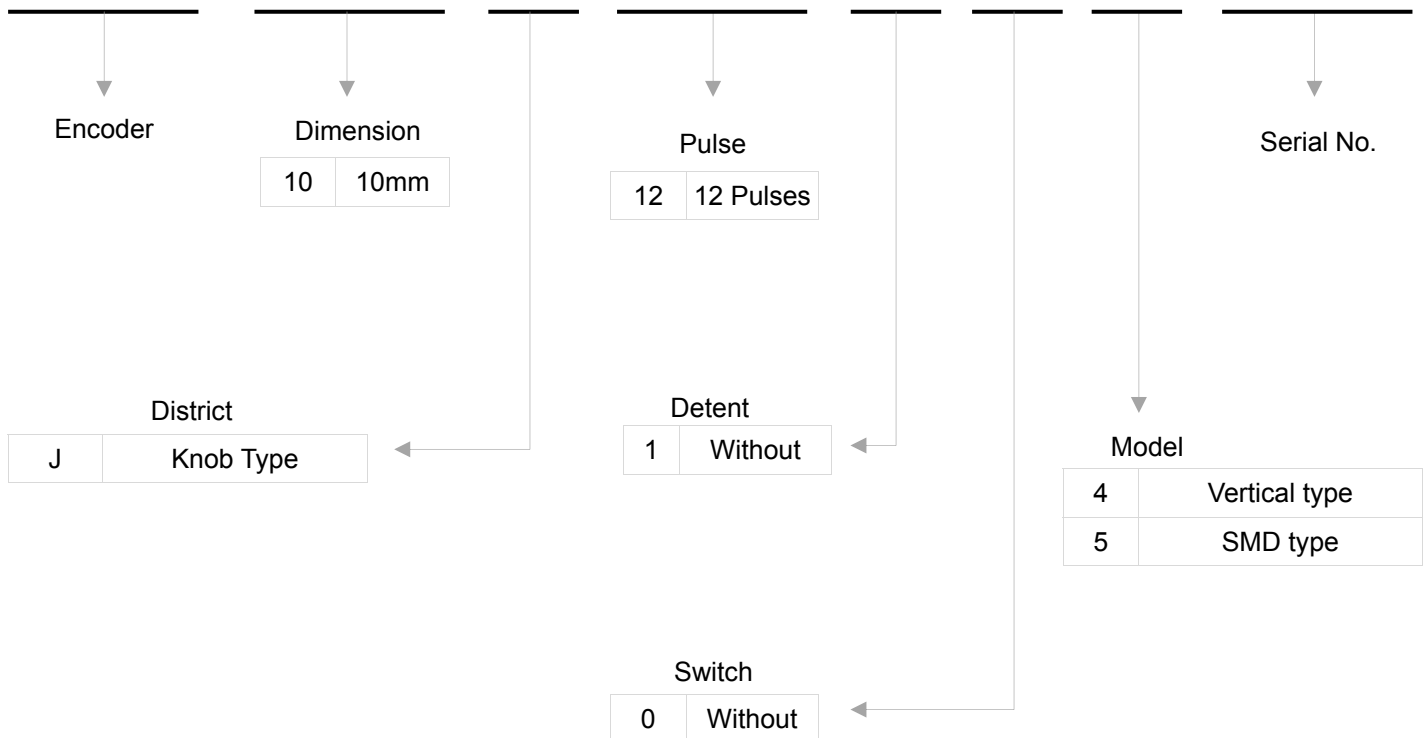
- Most suitable for the manual focus of compact camera recorder and iris adjustment.
- Most suitable for all controls of compact and low profile electronic equipment.

◆ COMMON SPECIFICATION

Pulse	Number of detent	Phase difference (msec)	Chattering (msec)	Sliding noise (msec)	Insulation resistance	Dielectric strength	Rotational torque (gf · cm)	Rotational life (cycle)
12	0	4	8	8	50V DC 50MΩ MIN.	50V AC 1 min	60 MAX	10,000

◆ PRODUCT NUMBERING SYSTEM

D	C	1	0	J	1	2	1	0	4	0	1
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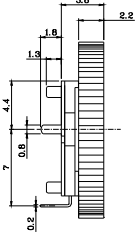
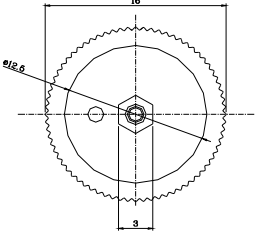
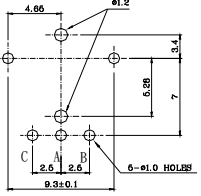


ENCODER

10mm Size Knob Type Encoder

DIMENSION

Unit : mm

Model	Dimensions		
<p>DC10J12104 DIP type</p> 			
<p>DC10J12105 SMD type</p> 