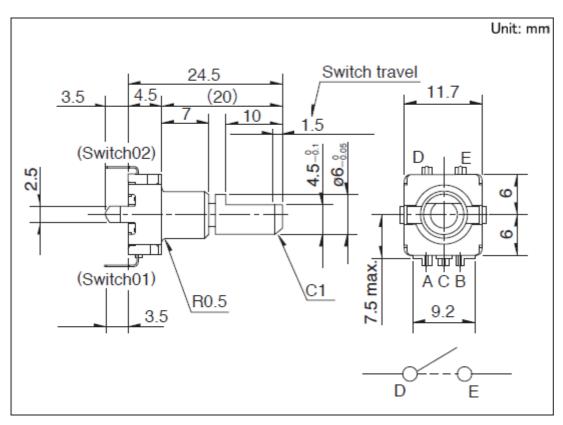


11mm Size Metal Shaft Type EC11 Series

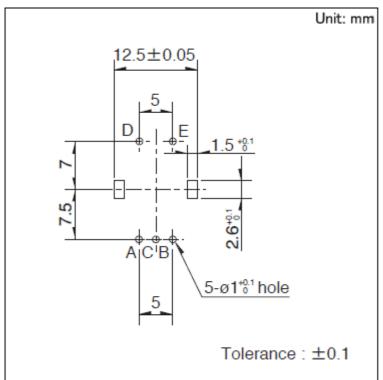
Structure		Vertical
Actuator configuration	on	Flat
Actuator length		20mm
Number of detent		Without
Number of pulse		15
Push-on switch		With
Travel of push-on sv	vitch	1.5mm
Operating life		15,000 cycles
Operating temperation	ure range	-40℃ to +85℃
Electrical	Ratings	10mA 5V DC
performance	Output signal	Two phase A and B
	Max./min. operating current(Resistive load)	10mA/1mA
	Insulation resistance	100MΩ min. 250V DC
	Voltage proof	300V AC for 1 minute or 360V AC for 2s
Mechanical	Rotational torque	7(+3, -4)mN·m
performance	Push-pull strength	100N
Push-on switch specifications	Contact arrangement	Single pole single throw (Push-on)
	Travel	1.5±0.5mm
	Operating force	4±2N
	Rating	0.1A 5V DC (500µA 5V DC min. ratings)
	Contact resistance (Initial	100mΩ max./200mΩ max.

	performance/After lifetime)	
	Operating life	20,000 times
Minimum order unit (pcs.)	Japan	1,200
(peer)	Export	2,400

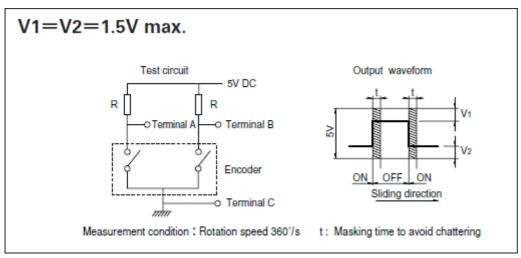
Dimensions



Mounting Hole Dimensions



Sliding Noise



At R=5k Ω Chattering: 3ms max. Bounce: 2ms max.

Packing Specifications

Tray

Soldering Co	onditions	
Export package	measurements (mm)	540×360×250
	1 case / export packing	2,400
Number of pack (pcs.)	ages 1 case / Japan	1,200

J

Reference for Dip Soldering

Preheating

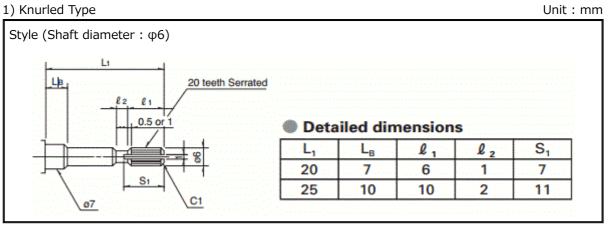
Soldering surfacetemperature 100℃ max.

EC11 Series - Basic information

	Heating time	2 min. max.	
Dip soldering	Soldering temperature	260±5℃	
	Soldering time	5±1s	
No. of solders		2 time max.	
Reference for Hand So	ldering		
Tip temperature		350℃ max.	
Soldering time		3s max.	
No. of solders		1 time	

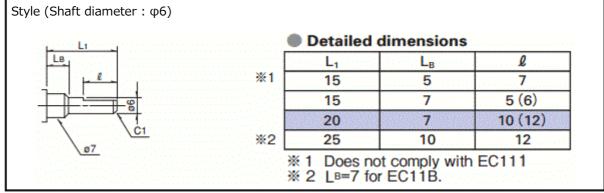
Product Varieties

Single-shaft Type



2) Flat Type

Unit : mm



Values in parentheses apply to products without push-on switch.

3) Slotted Type

Style (Shaft diameter : ϕ 6)

Unit : mm

Detailed dimensions		
	L ₁	L _B
	15	7
	20	7
*	25	10

Notes are common to this series/models.

- 1. This site catalog shows only outline specifications. When using the products, please obtain formal specifications for supply.
- 2. Please place purchase orders per minimum order unit (integer).
- 3. Products other than those listed in the above chart are also available. Please contact us for details.
- 4. This products can be used in vehicles. Although these products are designed to perform over a wide operating temperature range, please ensure that you receive and read the formal delivery specifications before use.