

# Encoder 11mm Size Metal Shaft Long Life Type

EC11J/EC11K Series



Compact and highly reliable type available in many varieties.



### Typical Specifications

Items	Specifications
Rating	10mA 5V DC
Operating life	100,000cycles 500,000cycles 1,000,000cycles

### Product Line

Structure	Actuator configuration	Actuator length (mm)	Torque (mN · m)	Number of detent	Number of pulse	Push-on switch	Travel of push-on switch (mm)	Operating life (cycles)	Minimum order unit (pcs.)	Product No.	Drawing No.
Vertical	Flat	20	12 ± 5	18	9	Without	—	100,000	1,000	EC11K0920401	1
				30	15					EC11K1520401	
				18	9	With	0.5			EC11K0924401	2
				30	15					EC11K1524402	
				18	9					EC11K0925401	
				30	15	Without	—			EC11K1525401	
				18	9			EC11K0920601	1		
				30	15	With	0.5	EC11K1520601	2		
				18	9			EC11K0924601			
				30	15			EC11K1524601			
				18	9			EC11K0925601			
				30	15	Without	—	EC11K1525601			
				18	9			EC11K0920801	1		
				30	15	With	0.5	EC11K1520801	2		
				18	9			EC11K0924801			
				30	15			EC11K1524801			
				18	9	Without	—	EC11K0925801			
				30	15			EC11K1525801			
Reflow	Flat	20	12 ± 5	18	9	Without	—	100,000	300	EC11J0920402	3
				30	15					EC11J1520402	
				18	9	With	0.5			EC11J0924411	4
				30	15					EC11J1524413	
				18	9					EC11J0925403	
				30	15	Without	—			EC11J1525402	
				18	9			EC11J0920602	3		
				30	15	With	0.5	EC11J1520602	4		
				18	9			EC11J0924602			
				30	15			EC11J1524604			
				18	9			EC11J0925602			
				30	15	Without	—	EC11J1525602			
				18	9			EC11J0920802	3		
				30	15	With	0.5	EC11J1520803	4		
				18	9			EC11J0924802			
				30	15			EC11J1524802			
				18	9	Without	—	EC11J0925802			
				30	15			EC11J1525802			


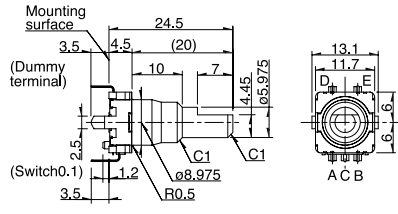
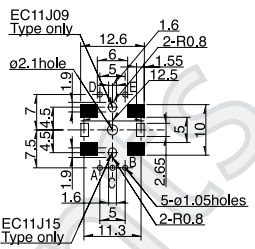

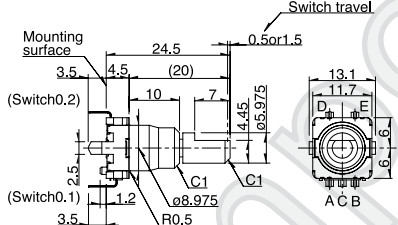
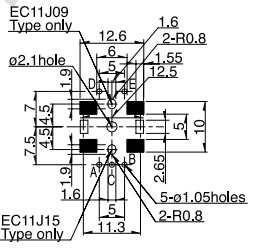

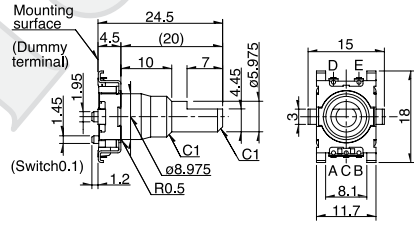
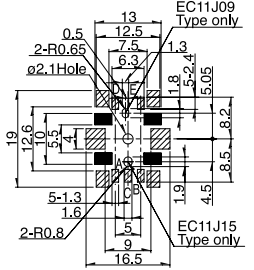

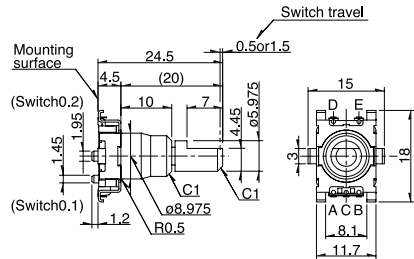
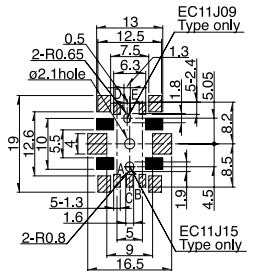
### Note

The operating temperature range for automotive applications can be raised upon request. Please contact us for requirements of this kind.

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Dimensions

Unit:mm

No.	Photo	Style	PC board mounting hole dimensions (Viewed from mounting side )
1			 <p>EC11J09 Type only</p> <p>EC11J15 Type only</p> <p>PC board mounting detail A slant line part haws the solder land black part: Do not solder and wiring for electrical contact</p>
2	<p>Vertical with push-on switch (travel 0.5mm/1.5mm )</p> 		 <p>EC11J09 Type only</p> <p>EC11J15 Type only</p> <p>PC board mounting detail A slant line part haws the solder land black part: Do not solder and wiring for electrical contact</p>
3	<p>Reflow applicable parts</p> 		 <p>EC11J09 Type only</p> <p>EC11J15 Type only</p> <p>PC board mounting detail A slant line part haws the solder land black part: Do not solder and wiring for electrical contact</p>
4	<p>Reflow applicable parts with push-on switch (travel 0.5mm/1.5mm )</p> 		 <p>EC11J09 Type only</p> <p>EC11J15 Type only</p> <p>PC board mounting detail A slant line part haws the solder land black part: Do not solder and wiring for electrical contact</p>

- Detector
- Push
- Slide
- Rotary
- Encoders**
- Power
- Dual-in-line Package Type
- TACT Switch™
- Custom-Products
- Incremental Type
- Absolute Type