Encoder Switch
SSS-30MD. SSS-42MD. SSS-39MD. Series

[] Features

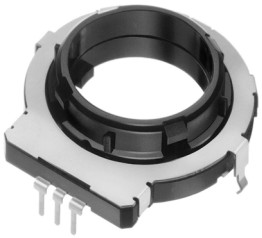
<>A hollow shaft type encoder.
<>Superb reliability by our own sliding contacts mechanism.
<>A good click feeling.
<>Please consult with us about the cap style beforehand.



SSS-30MD



SSS-42MD



SSS-39MD

Actual size

[] Applications

<>VTR FAX COPY CAR STEREO

[] Products Line

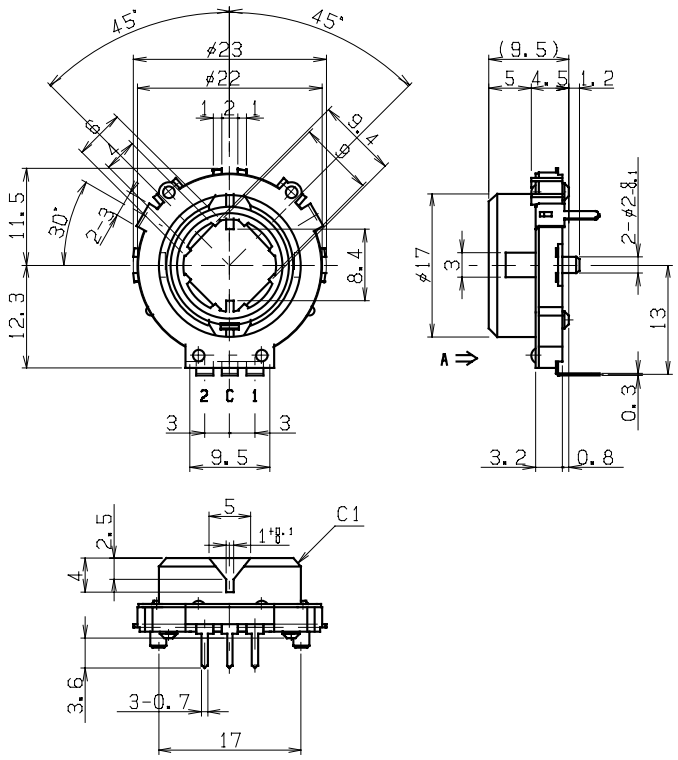
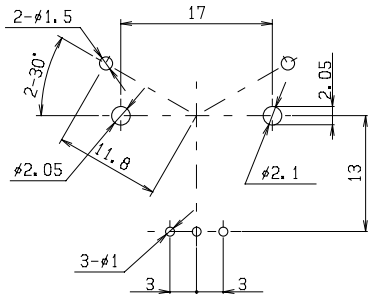
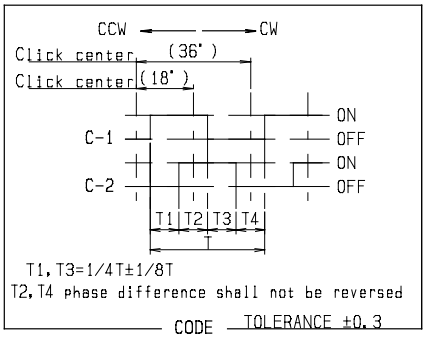
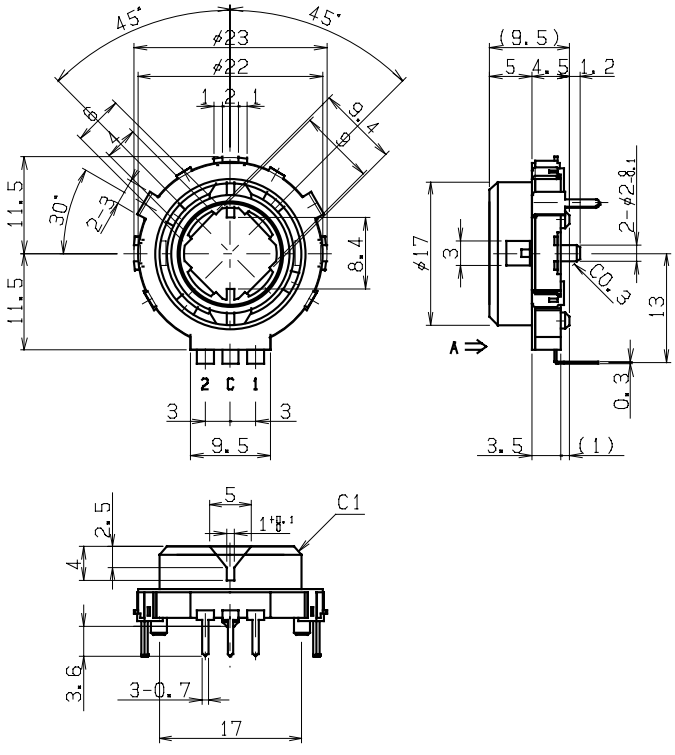
No	Products No	Number of detent	Output code	Rotational torque	Recommended Thickness of P-C-B	Features
1	SSS-30MD	20	10 Pulse (Phase shift)	7 +or- 3 mN-m	1mm	
2	SSS-42MD				1mm	LED type
3	SSS-39MD	16	16 Pulse (Phase shift)	5 +or- 2 mN-m	1mm	

[] Typical Specifications

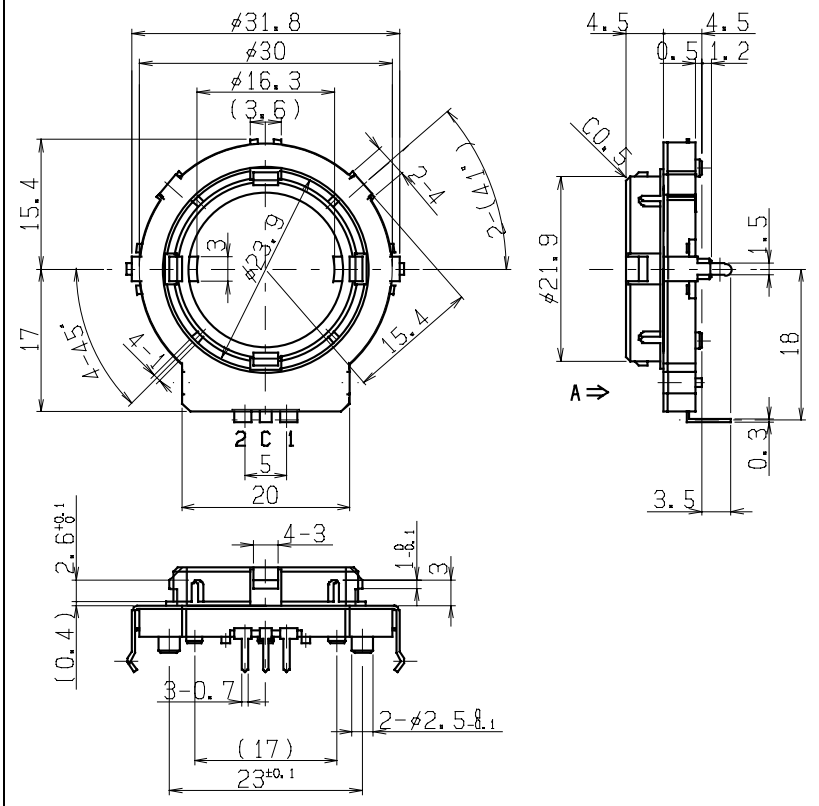
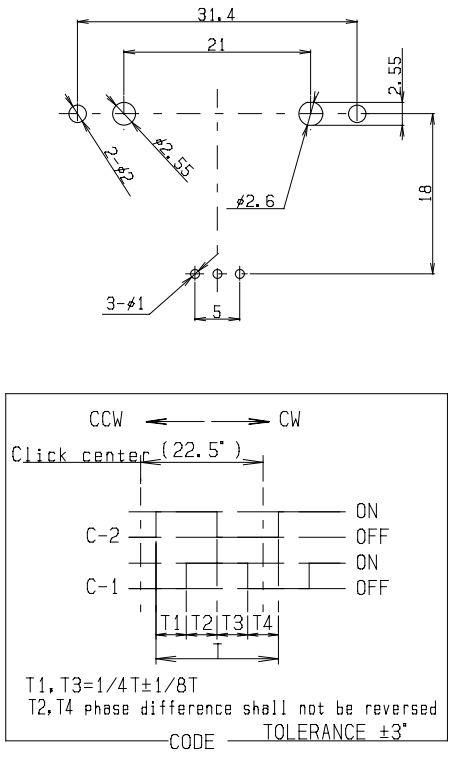
Item	Specifications
Ratings(max)(Resistive load)	10mA 5V DC
Operating life	50,000 cycles
Operating temperature range	-10 +or- 2 to 60 +or- 2 degree Celsius
Storage temperature range	-20 +or- 2 to 70 +or- 2 degree Celsius

▯ Dimensions

Unit : mm

No	Style	P-C-B mounting hole Dimensions Circuit diagram (TOP VIEW)
1	SSS-30MD  	 
2	SSS-42MD  	

[] Dimensions Unit : mm

No	Style	P-C-B mounting hole Dimensions Circuit diagram (TOP VIEW)
3	SSS-39MD 	

[] Notes

1 The appearance and specifications of the product may be modified to improve its performance without prior notice.
2 This catalog shows only outline specifications. When using the product, please obtain formal specifications.
3 Please see appendix [Cautions in Using Switches].
4 This lever switch is not washable.
5 Soldering shall be done with lever at free position and take care not to attach flux on plastic portion.
6 Note that if the stress is applied to the terminals during soldering, they might cause deformation and defects in electrical performance.
7 In manual soldering, consideration should be given to apply the soldering iron to the tip of the terminal so that unusual pressure is not applied to the terminal
8 In case circuit and software design consideration against chattering and bouncing shall be taken as below.
  Read a few times. (Ex. 5ms for 5 times)
  Set delay time.
  Set integral circuit.
9 As to threshold voltage, center setting is recommended.
10 Care shall be taken not to apply stress to the body of switch as it may affect the performance.
11 Please confirm the performance on actual operation by simulation with actual environment environments for high reliability.