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-39MD

SSS-30MD

SSS-42MD 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		

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Dimensions



SHINMEI ELECTRIC CO., LTD.

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Dimensions



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.
- Soldering shall be done with lever at free position and take care not to attach flux on plastic portion. $\mathbf{5}$
- 6 Note that if the stress is applied to the terminals during soldering, they might cause deformation and defects in electrical performance.
- 7In 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.