



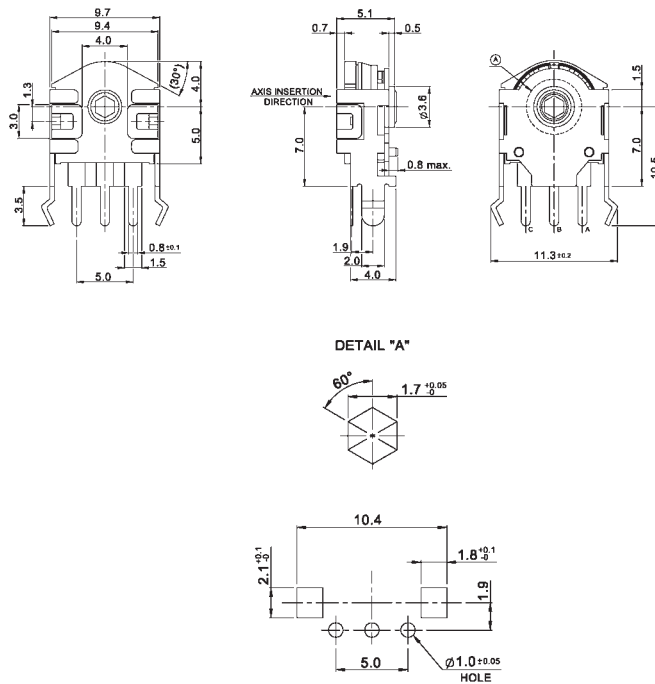
# Encoder

## Specifications:

Contact rating:	5 V DC, 1 mA
Contact resistance:	< 1 Ω
Insulation resistance:	> 10 MΩ
Dielectric strength:	50 V, 50 Hz for the duration of 1 minute
Operating temperature:	-5 °C to +45 °C
Rotational torque:	0.5 ± 0.3 Ncm
Pulses/Detents per turn:	12/24
Mechanical life:	minimum 100 000 turns
Contacts and terminals:	silver-plated
Mounting:	on pc-board with pin-contact
Soldering conditions:	wave soldering, max. 3 s max. 260 °C, pre-heat max. 60 s max. 100 °C

## Models:

MER10-12 R7



## Output signal format:

Shaft rotational direction	Signal	Output	
C.W.	Terminal A-C	OFF ON	
	Terminal B-C	OFF ON	
C.C.W.	Terminal A-C	OFF ON	
	Terminal B-C	OFF ON	

**knitter-switch**

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