



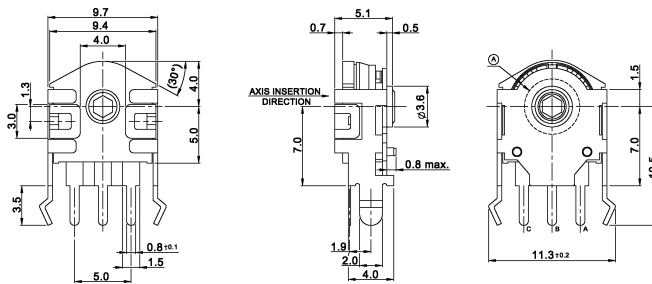
Hollow Shaft Encoder

Specifications:

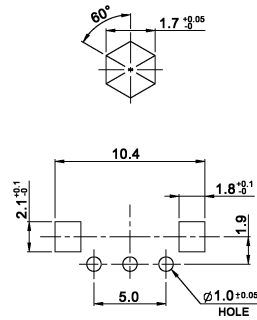
Contact rating:	5 V DC, 1 mA
Contact resistance:	< 1 Ω
Insulation resistance:	> 10 MΩ
Dielectric strength:	50 V, 50 Hz for the duration of 1 minute
Operating temperature:	-40 °C to +85 °C
Rotational torque:	0.5 ± 0.3 Ncm
Pulses/Detents per turn:	12/24
Mechanical life:	minimum 100 000 turns
Contacts and 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



DETAIL "A"



Output signal format:

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