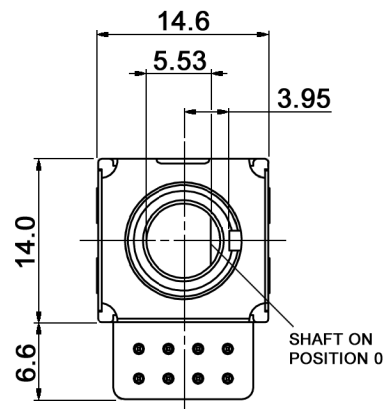
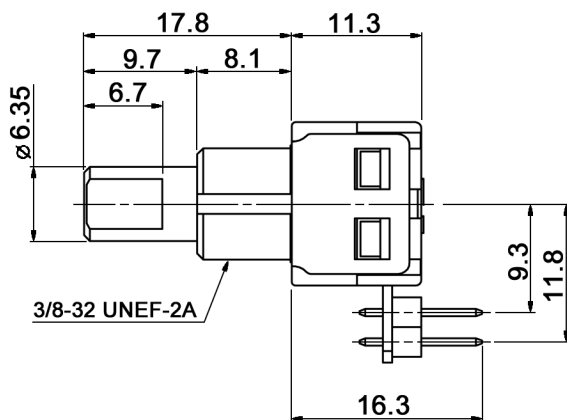
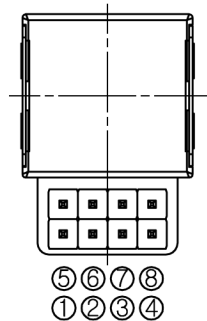
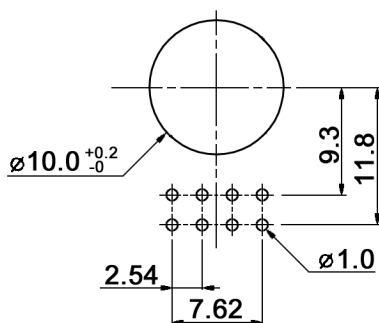
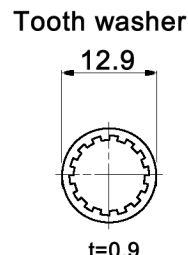
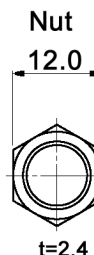


P.C.B. LAYOUT



Terminal	Function
1	ground
2	reserved
3	reserved
4	reserved
5	output "A"
6	output "B"
7	reserved
8	power 5 V

MOUNTING PARTS



Specifications:

Technology:	Magnetic Encoder
Power supply:	5 V DC +/-10%
Supply current:	6 mA +/-1 mA
Operating temperature:	-40°C to +85°C
Storage temperature:	-55°C to +85°C
Output voltage:	low 3.0 V max., high 5.0 V min.
Output waveform:	incremental quadrature A/B-output
	number of pulses: see table nnn
	resolution 12 bit max.

Mechanical / electrical life:	1 000 000 cycles (360° CW plus 360° CCW)
Rotational torque:	0.25 Ncm +/-0.1 Ncm (no detents)
Rotational speed:	100 rpm max.
Pushbutton:	no pushbutton
Material:	Shaft: SUS

Bushing: brass, nickel plated
Housing: PBS, GF reinforced
Washer: steel, nickel plated
Nut: SUS
Terminals: brass, gold plated

nnn	pulses per turn
002	2
004	4
008	8
016	16
032	32
064	64
128	128
256	256
512	512

Compliance: RohS III (2015/863/EU)

Tolerances: under to 10: ±0.3mm over 10 to 100: ±0.5mm	Date	Name
	03/25	dr
Renamed	04/25	dr
Modifications	Date	Name

MEHA14OnnnF10P5

knitter-switch

30 57 30

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