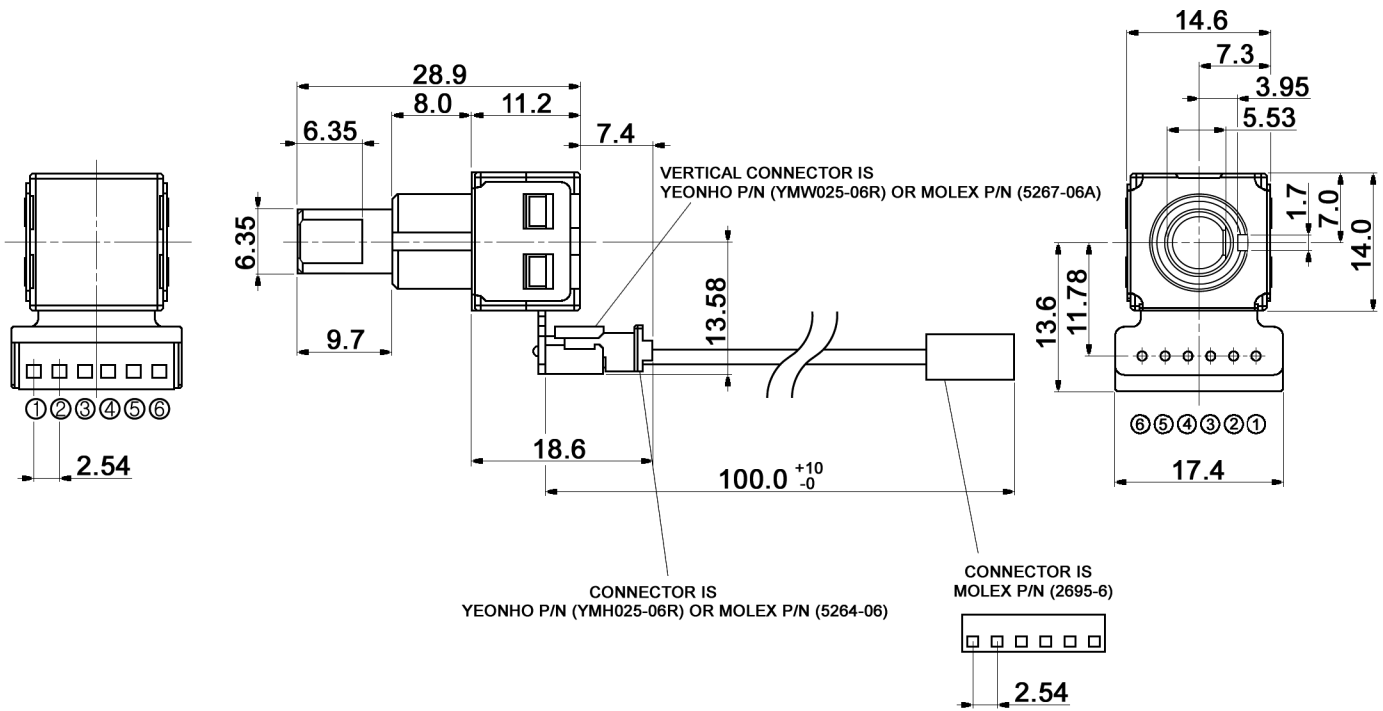
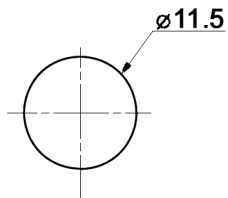
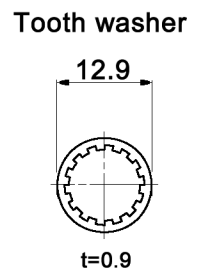
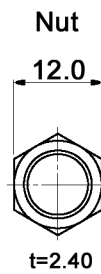




MOUNTING HOLE DETAIL



MOUNTING PARTS (1 pc. each)



Compliance: RohS III (2015/863/EU)

Tolerances: <10: ±0.3mm 10-100: ±0.5mm			Date	Name	MEOP14DP16F10-MG		
			09/17	dr			
					knitter-switch		
					30 39 48		
Modifications	Date	Name					Page 1/2

Power supply:	40mA +/-10mA, 3.3V DC +/-5%
Insulation resistance:	100MOhm min. at 250V DC
Dielectric strength:	300V AC for 1 minute
Operating temperature:	0°C to +50°C
Storage temperature:	-20°C to +80°C
Electrical life:	1 000 000 cycles min.
Soldering conditions:	280°C, 3sec.
Resolution:	4 pulses / turn
Detent:	16 detents / turn (22.5°)
Rotational torque:	20mN.m +/-5mN.m (203 gf.cm +/-50gf.cm)
Frequency response:	100Hz max.
Switch:	Contact rating: 0.1-10mA, 12V DC Contact resistance: 10Ohm max. Mechanical life: 1 000 000 cycles Operating force: 10N +/-3N (1025gf +/-307gf) Travel: 0.25-0.35mm

The timing diagram shows two digital signals, OUTPUT A and OUTPUT B, over 6 clock cycles. The clock cycles are marked by vertical dashed lines at intervals of 1 unit, labeled 1 through 6 at the bottom. OUTPUT A starts low, transitions to high at the start of cycle 2, remains high through cycle 4, transitions back to low at the start of cycle 5, and transitions back to high at the start of cycle 6. OUTPUT B starts low, transitions to high at the start of cycle 3, remains high through cycle 5, and transitions back to low at the start of cycle 6.

Time (Clock Cycle)	OUTPUT A	OUTPUT B
1	LOW	LOW
2	HIGH	LOW
3	HIGH	HIGH
4	HIGH	HIGH
5	LOW	HIGH
6	HIGH	LOW

Pos.	Output A	Output B
1		
2	●	
3	●	●
4		●

The diagram shows a relay driver circuit. The power supply is +3.3V. A 3.3kΩ resistor is connected between the power supply and the relay coil. A 1μF capacitor is connected between the power supply and the relay coil. A Varistor is connected between the power supply and the relay coil. The relay coil is connected to the power supply. A 100Ω resistor is connected between the power supply and the relay coil. The relay is controlled by an N.O. pushbutton switch. The output is labeled OUTPUT A and OUTPUT B.

Tolerances:		<10: ±0.3mm	Date	Name	MEOP14DP16F10-MG
		10-100: ±0.5mm	09/17	dr	
			knitter-switch		30 39 48
Modifications	Date	Name			Page
					2/2