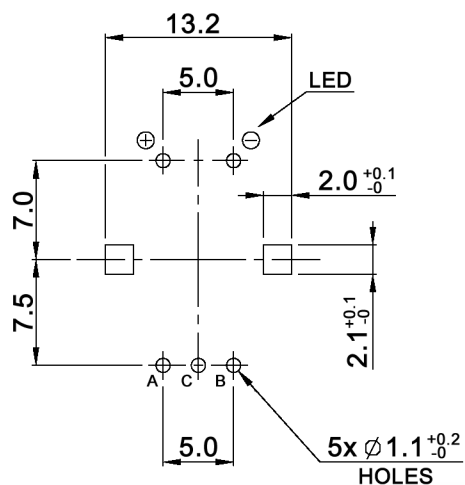


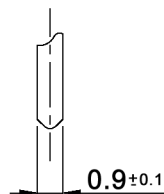
OUTPUT SIGNAL FORMAT

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

P.C.B. MOUNTING VIEWED FROM MOUNTING SIDE t=1.6mm



TERMINAL DETAIL



Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm		Date	Name	<h1>MER12-24N224xx</h1>
		05/10	dr	
Output signal format	03/11	dr	knitter-switch	<h1>30 20 95</h1>
LED data	10/10	dr		
Modifications	Date	Name		Page 1/2

Specifications:

Contact rating: 0.5mA, 5V DC
 Insulation resistance: 100M Ω min. at 250V DC, 1mA
 Dielectric strength: 300V AC for 1 minute
 Operating temperature: -40°C to +85°C
 Rotational life: 30 000 cycles
 No. of pulses: 24 pulses / 360° turn
 No. of detents: no detents
 Soldering conditions: 260 +/-5°C, 3 +/-1sec.

xx	LED color	Power dissipation (mW)	DC Forward current (mA)	Vf (V) (@IF=20mA)	
				Surface-mount type	
				max.	typ.
BL	blue	80	20	3.5	4.0
RE	red	58	25	2.3	1.8
GN	green	63	25	2.5	2.0
OA	orange	100	30	2.6	2.2
WH	white	120	30	4.0	3.4



Tolerances: ≤ 10 : ± 0.3 mm 10-100: ± 0.5 mm		Date	Name	<h1>MER12-24N224xx</h1>
		05/10	dr	
		knitter-switch		30 20 95
				Page 2/2
Modifications	Date	Name		