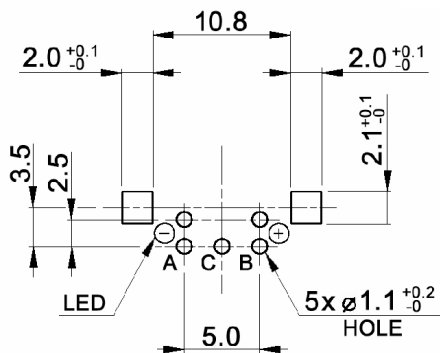


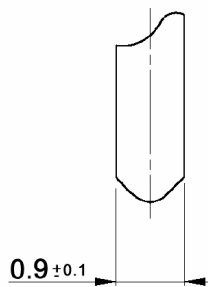
OUTPUT SIGNAL FORMAT

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>MER12-12224xx-R</h1>
		11/08	dr	
			<h2>knitter-switch</h2>	<h1>30 16 48</h1>
Output signal format	04/11	dr		Page
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"xx"	LED color	Power dissipation (mW)	DC Forward current (mA)	Vf (V) (@IF=20mA)	
				Surface-mount type	
				max.	typ.
BL	blue	100	20	3.5	2.5
RE	red	63	25	2.5	2.0
GN	green	63	20	2.5	2.0
OA	orange	75	30	2.5	2.1
WH	white	100	25	4.0	3.3

Specifications:

Contact rating: 10mA, 5V DC (1mA min.)
 Contact resistance: 100mOhm max.
 Insulation resistance: 100MOhm min. at 250V DC / 1mA
 Dielectric strength: 300V AC for 1 minute
 Operating temperature: -40°C to +85°C
 Rotational life: 30 000 cycles
 Detent torque: 5 +/-3mNm
 No. of detents: 12 detents; step angle: 30° +/-3°
 Soldering conditions: 260 +/-5°C, 3 +/-1.0sec.



Tolerances: ≤10: ±0.3mm 10-100: ±0.5mm		Date	Name	<h1>MER12-12224xx-R</h1>
		11/08	dr	
			knitter-switch	30 16 48
Modifications		Date	Name	Page 2/2