

DH series

Thumb wheel rotary code switches

Surface mount



- ☐ 10 position Thumb wheel switch with operating crown
- ☐ For right and left side of PCB's
- ☐ Surface mount
- ☐ Perfect for slim housings: 13mm diameter, 6mm wide

DH				
SERIES	Codes	PCB Mounting	Contact Pins	Printing
	101A BCD 10 pos	R Right L Left	SMT Surface Mount	001 w/ crown - white printing 1-10 002 w/out crown - white printing 1-10 003 w/ crown - white printing 0-9 004 w/out crown - white printing 0-9

ELECTRICAL SPECIFICATIONS

- Operating voltage : 42VDC max.
- Contact load, static : 400mA max.
- Contact load, dynamic : 100mA max.
- Initial contact resistance : 80mΩ max.
- Insulation resistance : 100MΩ min.

MECHANICAL AND THERMAL SPECS

- Torque : 1.2 Ncm min. ± 0.2
- Expected life : 25,000 steps min.
- Operating temperature :
-50°C (-58°F) to +125°C (257°F)
- Positions: 10

MATERIALS

- Base : UL94-V0, high temperature thermoplastic
- Cover : Stainless steel
- Thumb wheel: UL94-V0, high temperature thermoplastic
- Actuator : UL94-V0, high temperature thermoplastic
- Washer: Stainless steel
- Contacts : Gold over nickel plated copper alloy
- Terminals : Tin plated

SOLDER RECOMMENDATIONS

- Reflow soldering : 260°C (500°F) max.
for 10 seconds max

PACKAGING

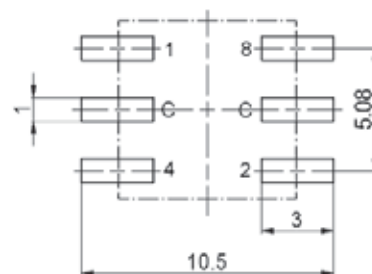
- Tape & Reel: Surface mount, 500 pcs.
(700 pcs. without operating crown)

CODES

BCD 10 POSITION - LEFT									
TERMINALS									
	C	1	2	4	8				
0	●					1			
1	●	●			●	2			
2	●				●	3			
3	●	●	●	●		4			
4	●		●	●		5			
5	●	●		●		6			
6	●			●		7			
7	●	●	●			8			
8	●		●			9			
9	●	●				10			

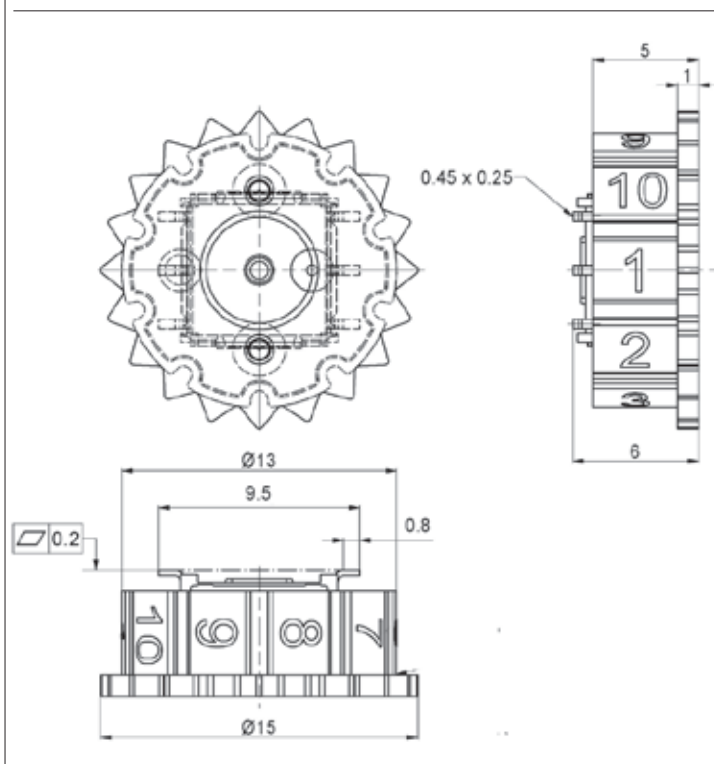
BCD 10 POSITION - RIGHT									
TERMINALS									
	C	1	2	4	8				
0	●					1			
9	●	●				2			
8	●		●			3			
7	●	●	●			4			
6	●			●		5			
5	●	●		●		6			
4	●		●	●		7			
3	●	●	●	●		8			
2	●				●	9			
1	●	●			●	10			

SMT CONTACT PINS

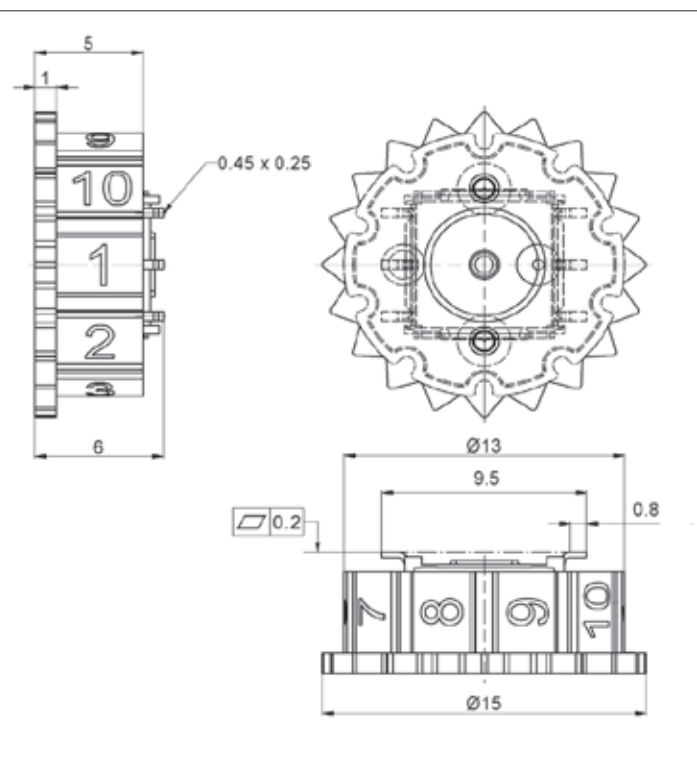


DIMENSIONS

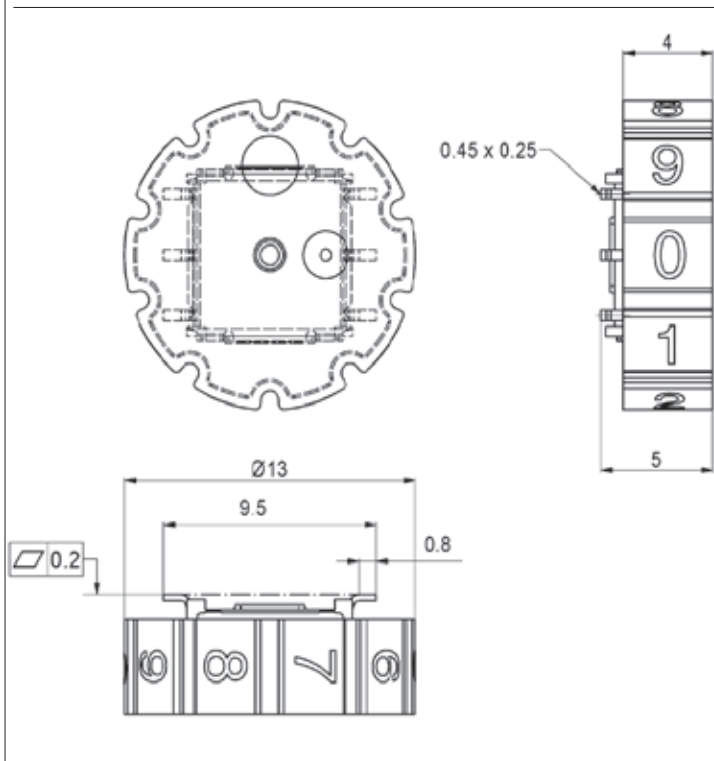
PCB LEFT - WITH OPERATING CROWN



PCB RIGHT - WITH OPERATING CROWN



PCB LEFT - WITHOUT OPERATING CROWN



PCB RIGHT - WITHOUT OPERATING CROWN

