

P36 series

Low profile rotary code switches



DISTINCTIVE FEATURES

3 actuator types

Sub-miniature size

Solder and flux sealed, washable



ENVIRONMENTAL SPECIFICATIONS

- Operating temperature: -50 °C to +125 °C (-58 °F to +257 °F)



ELECTRICAL SPECIFICATIONS

- Operating voltage : ≤ 42 V
- Contact load, static : ≤ 0.4 A
- Contact load, dynamic : ≤ 0.1 A
- Initial contact resistance : 80 m Ω max.
- Insulation resistance : 100 M Ω min.



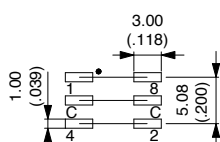
MATERIALS

- Base : UL94-V0, high temperature thermoplastic
- Cover : stainless steel
- Actuator : PA 4.6 nylon
- Contacts : gold over nickel plated phosphor bronze
- Terminals : tin plated

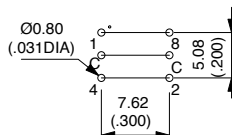


PCB MOUNTING

SURFACE MOUNT



THROUGH-HOLE



The company reserves the right to change specifications without notice.

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SOLDERING

- DIN CEI 68-2-20
- Manual soldering : 340 °C (644 °F) max. for 2 seconds max.
- Wave soldering : 280 °C (536 °F) max. for 5 seconds max.
- Reflow soldering : 260 °C (500 °F) max. for 10 seconds max.



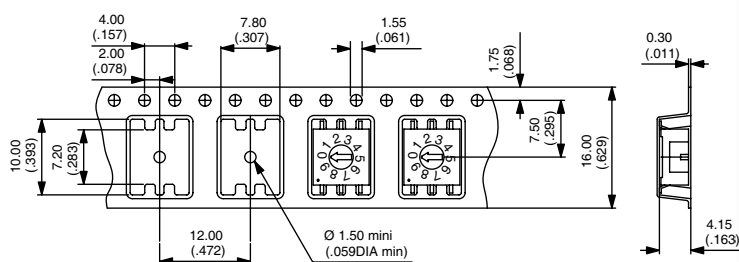
PACKAGING

P36SMT1..

1,300 pieces per reel

dim.A = 22.4 mm

dim B = 16.4 mm



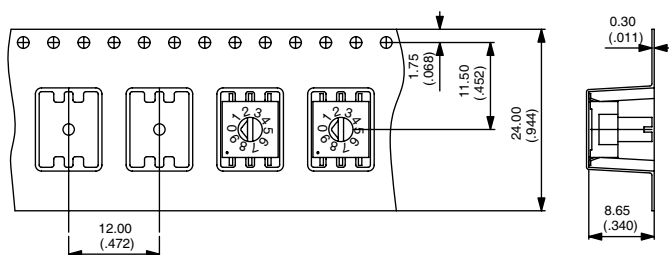
P36SMT3..

P36SMT8..

600 pieces per reel

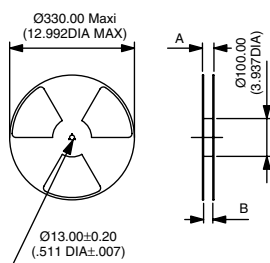
dim.A = 30.4 mm

dim B = 24.4 mm



Reels : To order a SMT product with tape & reel packaging, add "TR" at the end of its part number.

Tubes : 50 pieces (through-hole or SMT) per tube.

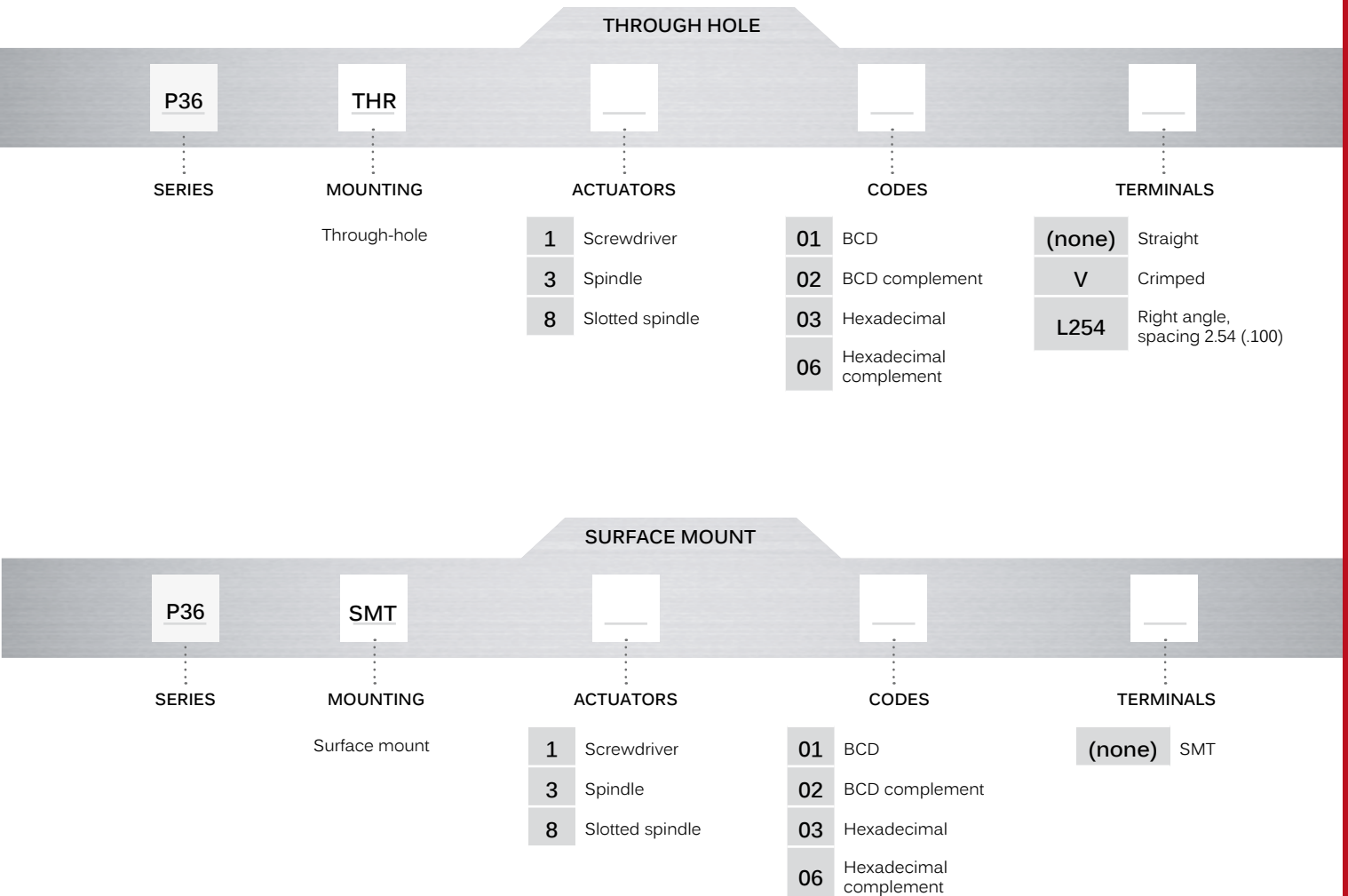


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BUILD YOUR PART NUMBER



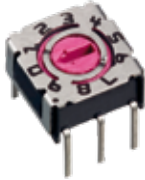
ABOUT THIS SERIES

On the following pages, you will find successively basic part numbers of switches and options in the same order as in above chart.

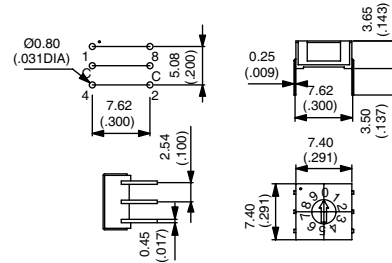
P36 series

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THROUGH-HOLE



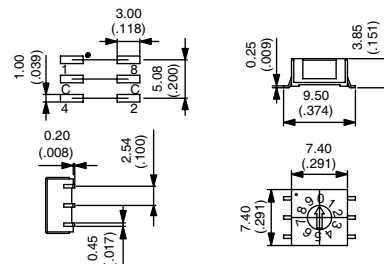
P36THR



SURFACE MOUNT



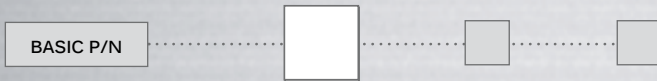
P36SMT



P36 series

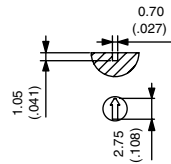
Low profile rotary code switches

ACTUATORS

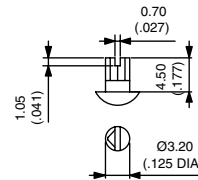


- 1 Screwdriver
- 3 Spindle
- 8 Slotted spindle

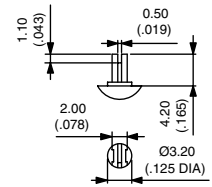
Actuator colour
depending on codes :
BCD : Red
BCD compl. : Orange
Hexadecimal : Grey
Hexadec. compl. : White



1



3



-8

CODES



- 01 BCD
- 02 BCD complement
- 03 Hexadecimal
- 06 Hexadecimal complement

POSITION	C	1	2	4	8	MARKING
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●	●		●		5
6	●		●	●		6
7	●	●	●	●		7
8	●				●	8
9	●	●			●	9

01

POSITION	C	1	2	4	8	MARKING
0	●	●	●	●	●	0
1	●		●	●	●	1
2	●	●		●	●	2
3	●			●	●	3
4	●	●	●		●	4
5	●		●		●	5
6	●	●			●	6
7	●				●	7
8	●	●	●	●		8
9	●		●	●		9

02

POSITION	C	1	2	4	8	MARKING
0	●					0
1	●	●				1
2	●		●			2
3	●	●	●			3
4	●			●		4
5	●	●		●		5
6	●		●	●		6
7	●	●	●	●		7
8	●				●	8
9	●	●			●	9
10	●		●		●	10
11	●	●	●		●	11
12	●			●	●	12
13	●	●		●	●	13
14	●		●	●	●	14
15	●	●	●	●	●	15

03

POSITION	C	1	2	4	8	MARKING
0	●	●	●	●	●	0
1	●		●	●	●	1
2	●	●		●	●	2
3	●			●	●	3
4	●	●	●		●	4
5	●		●		●	5
6	●	●			●	6
7	●				●	7
8	●	●	●	●		8
9	●		●	●		9
10	●	●		●		10
11	●			●		11
12	●	●	●			12
13	●	●				13
14	●	●				14
15	●					15

06

TERMINALS

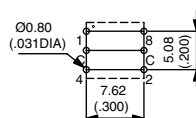


- (none) Straight or SMT
- V Crimped *
- L254 Right angle, spacing 2,54 (.100) *

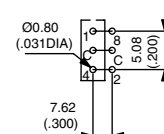
* Not available with surface mount mounting



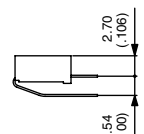
SMT



Crimped



Right angle



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Apem:](#)
[P36S303](#)