



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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P56 series

Rotary code switches

Through-hole or surface mount



- Less calibrating with 64 positions
- Easily repeatable address & parameter setting
- Actuator accessories available
- Horizontal or right angle SMT

P56	□	□	□	□	□	TR	
SERIES	Mounting		Actuators	Codes	Terminals		TAPE & REEL
	SMT Surface mount		9 Axis slot	64 64 Positions	(blank) Gull wing SMT L Right angle		

ELECTRICAL SPECIFICATIONS

- Operating voltage: 24 VDC max.
- Contact load, dynamic: 100mA max.
- Initial contact resistance: 80 mΩ max.
- Insulation resistance: 100 MΩ min.

MATERIALS

- Base: UL94-V0, high temperature thermoplastic, black
- Cover: UL94-V0, high temperature thermoplastic
- Support clip: Stainless steel, tinned
- Actuator: UL94-V0, high temperature thermoplastic
- Spring: Stainless steel
- Contacts: Gold over nickel-plated copper alloy
- Terminals: Tin plated

PACKAGING

- Switches: Tape and Reel - Surface mount, 450 pieces
- Right angle, 200 pieces
- Accessories: bags of 50 pieces

MECHANICAL AND THERMAL SPECS

- Torque (typical): 1.0 N-cm min.
- Expected life : 20,000 steps min.
- Operating temperature:
-25°C to +95°C (-13°F to +203°F)
- Storage temperature:
-30°C to +95°C (-22°F to +203°F)
- Humidity: 21 days at 40°C (104°F)
- Positions: 64

SOLDER RECOMMENDATIONS

- Reflow soldering: 260°C max. for 10 seconds max.

SHOCK AND VIBRATION TESTS

- Vibration: acc. DIN EN 60068-2-6
- Shock: acc. DIN EN 60068-2-27



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CODES						
	1	2	4	8	16	32
0						
1	X					
2	X	X				
3		X				
4		X	X			
5	X	X	X			
6	X		X			
7			X			
8				X		
9	X		X	X		
10	X	X	X	X		
11		X	X	X		
12		X		X		
13	X	X		X		
14	X			X		
15				X		
16				X	X	
17	X			X	X	
18	X	X		X	X	
19		X		X	X	
20		X	X	X	X	
21	X	X	X	X	X	
22	X		X	X	X	
23			X	X	X	
24			X		X	
25	X		X		X	
26	X	X	X		X	
27		X	X		X	
28		X			X	
29	X	X			X	
30	X				X	
31					X	
32					X	X
33	X				X	X
34	X	X			X	X
35		X			X	X
36		X	X		X	X
37	X	X	X		X	X
38	X		X		X	X
39			X		X	X
40			X	X	X	X
41	X		X	X	X	X
42	X	X	X	X	X	X
43		X	X	X	X	X
44		X		X	X	X
45	X	X		X	X	X
46	X			X	X	X
47				X	X	X
48				X		X
49	X			X		X
50	X	X		X		X
51		X		X		X
52		X	X	X		X
53	X	X	X	X		X
54	X		X	X		X
55			X	X		X
56			X			X
57	X		X			X
58	X	X	X			X
59		X	X			X
60		X				X
61	X	X				X
62	X					X
63						X

