

	1	2	3	4	5	6	7	8
A	Technical drawing of a 12-pin DIP switch assembly. The drawing includes three views: a top view, a side view, and two detail views of the switch mechanism. Top View: Shows a rectangular array of 12 pins. The overall width is $1 + 2.54 \times P$. The pin pitch is 2.54 mm. The distance from the first pin to the last pin is $2.54 \times (P - 1)$. The total height of the pin array is 6.3 ± 0.25 mm. The distance between the top and bottom rows of pins is 1.9 mm. The pins are numbered 1 to 12, with 'ON' and 'OFF' labels. Side View: Shows the profile of the switch assembly. The total height is 3 ± 0.3 mm. The distance from the top of the switch to the bottom of the pin array is 0.8 mm. The pin pitch is 2.54 mm. The distance between the first and last pin is $2.54 \times (P - 1)$. Detail View 1 (Top Left): Shows the switch mechanism with dimensions: overall width 10.5 ± 0.3 mm, pin pitch 7.62 mm, and a central pin offset of 1.0 mm. Detail View 2 (Bottom Left): Shows the switch mechanism with dimensions: overall width 10.5 ± 0.3 mm, pin pitch 7.62 mm, a central pin offset of 1.0 mm, and a mounting hole diameter of 0.7 mm.							
B								
C								
D								
E								
F								
G								
H	RoHS Compliant					SCHMID-M		
	APPD. DWG. HELEN DATE 2011/5/31					TOLERANCE SCALE UNIT PAGE M M 1 OF 1 REV. A		
						PART NAME DIP Switches - SMT PART NO. SM-DS-SMT-12		
	1	2	3	4	5	6	7	8

Operation Force: 8N Max
 Stroke: 1.0mm
 Operation Temp: -40°C to +90°C
 Storage Temp: -40°C to +90°C
 Electrical Life: 2000 operations cycles per switch
 24VDC, 25mA
 Non-switching Rating: 100mA, 50VDC
 Switching rating: 25mA, 24VDC
 Insulation Resistance: 100m Ohm, 500VDC

 Dielectric Resistance: 50Hz 500VAC/1minute
 Capacitance: 5pF max
 Circuit: Single pole single throw

