

DIL switches

Order code	Manufacturer code	Description
80-0300	n/a	EXCEL 2 WAY 4 PIN DIL SWITCH
80-0302	n/a	EXCEL 3 WAY 6 PIN DIL SWITCH
80-0304	n/a	EXCEL 4 WAY 8 PIN DIL SWITCH
80-0306	n/a	EXCEL 5 WAY 10 PIN DIL SWITCH
80-0308	n/a	EXCEL 6 WAY 12 PIN DIL SWITCH
80-0310	n/a	EXCEL 7 WAY 14 PIN DIL SWITCH
80-0312	n/a	EXCEL 8 WAY 16 PIN DIL SWITCH
80-0314	n/a	EXCEL 9 WAY 18 PIN DIL SWITCH
80-0316	n/a	EXCEL 10 WAY 20 PIN DIL SWITCH
80-0318	n/a	EXCEL 12 WAY 24 PIN DIL SWITCH

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

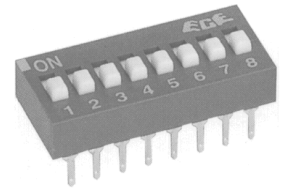
Switches

Excel Cell Electronics - EDG series DIL switches



Features:

- Tactile response is performed directly by larger contact pressure to ensure very stable contact
- All plastics are UL 94V-0 grade fire retardant
- Bottom epoxy sealed standard to ensure free flux immersion during wave soldering
- Contact wiping on make and break
- Gold plated contacts to ensure low contact resistance and long mechanical life
- Ideal for data processing, communications, remote controls and burglar alarm system use where manual programming is required



Specifications:

Electrical:

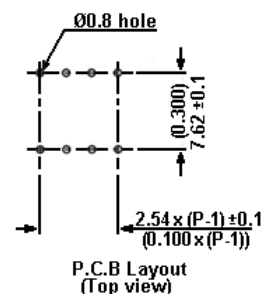
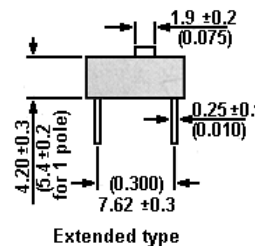
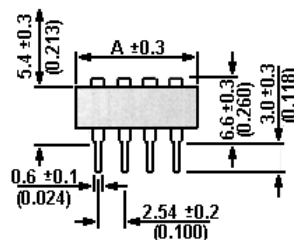
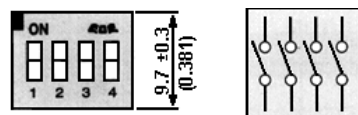
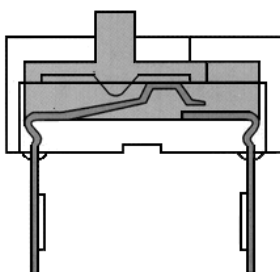
Contact rating Switching: Non-switching:	25mA, 24VDC 100mA, 50VDC
Contact resistance Initial: After life test:	50mΩ Max. 100mΩ Max.
Insulation resistance:	1000MΩ Min. at 100VDC
Dielectric strength:	500VDC Min. for 60 seconds
Capacitance between adjacent switches :	5pf Max.

Mechanical and environmental:

Temperature rating Operating: Storage:	-25°C to +70°C -40°C to +85°C
Operation force:	800g Max.
Mechanical life:	2000 operations
Humidity:	95% RH, 40°C for 96 hours
Vibration:	Per MIL-STD-202F, Method 204D
Solderability:	After flux 230±5°C for 5 ±0.5 seconds, 95% coverage
Resistance to soldering heat:	260±5°C for 5±1 seconds

Construction:

Dimensions - mm(inches) See following page for dimension A:



ECE part no.	Description	Positions	Dimension A mm (inches)
EDG102S	2 WAY 4 PIN DIL SWITCH	2	6.7 (0.264)
EDG103S	3 WAY 6 PIN DIL SWITCH	3	9.2 (0.362)
EDG104S	4 WAY 8 PIN DIL SWITCH	4	11.7 (0.461)
EDG105S	5 WAY 10 PIN DIL SWITCH	5	14.2 (0.559)
EDG106S	6 WAY 12 PIN DIL SWITCH	6	16.7 (0.657)
EDG107S	7 WAY 14 PIN DIL SWITCH	7	19.2 (0.756)
EDG108S	8 WAY 16 PIN DIL SWITCH	8	21.7 (0.854)
EDG109S	9 WAY 18 PIN DIL SWITCH	9	24.2 (0.953)
EDG110S	10 WAY 20 PIN DIL SWITCH	10	26.7 (1.051)
EDG112S	12 WAY 24 PIN DIL SWITCH	12	31.8 (1.252)

Part numbering system:

