

Cannon

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PartNumber	BD10
Product Family	Dip Switches
Product Group	BD Series - Standard Profile DIP Switches DIP
Product Description	Vertical Full Profile DIP
Number of Positions	10 position
Shock	Withstands 20g 11 ms sawtooth waveform with no contact opening greater than 10 microseconds.
Terminations	Vertical
Switch Function	SPST - 1 thru 12 position available (except 11 position)
Housing Material	Glass filled polyester (PBT)
Actuator	Extended
Contact Rating	Carry: 100 mA max. @ 50 V DC./Switch: 100 mA max. @ 5 V DC or 25 mA max. @ 25 V DC.
Contact Resistance	Below 50 milliohms typ. Initial @ 2-4 V DC 100mA.
Actuator Material	Glass filled nylon 6/6, flame retardant, heat stabilized (UL 94V-0)
Contact Material	We#1 over palladium over nickel over phosphor bronze
Switch Box Length (DIM'A'mm)	1.08 inch (27,43mm)
Insulation Resistance	109 ohms min.
Note	Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.
Mechanical and Electrical Life	10,000 make-and-break cycles at full load, each circuit.
Capacitance	5pF max. between adjacent terminals.
Storage Temperature	-40°C to 85°C
Operating Temperature	-40°C to 85°C
Dielectric Strength	500 V RMS min. @ sea level between adjacent terminals.
Vibration	No contact opening greater than 10 microseconds and no contact closure when exposed to vibration .06 in DA or 5g, whichever is less, from 10 to 55 Hz, and 10g from 55 to 500 Hz.
Solderability	Per MIL-STD-202F method 208D or EIA RS-186E method 9 (1 hour steam aging).
Cover Material	Flame retardant (UL 94V-0)
Packaging	Tube
Packaging Description	Switches supplied in rigid dispensing tubes in full-tube quantities only, this may effect order quantity. Number of

switches per tube varies with model. Switch position 1 denotes pin number 1. All switch actuators in 'OFF' position, standard.

