



ENGLISH

Product Datasheet

DC Jack Power Switch

3-in-1 Switches (DC Jack, Pushbutton, Reset)





Specification:

SWITCH TYPE:		DC JACK
POLES/THROWS:		SPST
SWITCH FUNCTIONS:		OFF-ON
ELECTRICAL CHARACTERISTICS	CONTACT RATING:	MAX. 3Amps @ 15VDC
	ELECTRICAL LIFE:	6,000 make-and-break cycles at full load
	CONTACT RESISTANCE:	30m-ohms max. initial @ 2-4VDC, 100mA
	INSULATION RESISTANCE:	Apply 500VDC for 1min±5sec. After which measurement to be made b/w terminals shall result 500M-ohms min.
	DIELECTRICAL STRENGTH:	500VAC (50Hz-60Hz) RMS @ sea level shall result no damage to parts arcing or flashover
	OPERATING TEMPERATURE:	-20Celsius degree to +70Celsius degree
RELIABILITY PERFORMANCE	MECHANICAL LIFE:	Without load, 30,000cycles min.
	OPERATING FORCE:	0.5N min.
	SOLDERING HEAT RESISTANCE:	Max soldering temperature @ 260±5Celsius degree, immersion time 5±1sec.
	COLD TEST:	Stored at temperature -20(+/-3)Celsius degree for 96 hours, shall result no changes to switch's electrical performance
	HOT TEST:	Stored at temperature +70(+/-3)Celsius degree for 96 hours, shall result no changes to switch's electrical performance
	HUMIDITY TEST:	Stored at temperature 40(+/-3)Celsius degree with relative humidity 90%~95% for 96 hours, shall result no changes to switch's electrical performance
MATERIAL CHARACTERISTICS	CASE	NYLON66
	HOUSING	NYLON66
	PUSH BUTTON	NYLON66
	TERMINAL	BRASS
CLEANING RECOMMENDATION	HAND SOLDERING:	Max. temperature @ 300Celsius degree with continuous soldering time @ 3 ±1 sec. max.

	CLEANING PROCESS:	Noted, the switch is “not totally sealed” so it is important not to immerse/spray or clean unsealed areas of the switch during flux removal. Improper cleaning could cause switch deficiencies such as intermittence or open contact failures
PACKAGE	INTERNAL PACKAGING:	64pcs per tray
	RoHS IDENTIFI-CATIONS:	A label marking “RoHS compliant” will be attached to the carton box.

