

SPECIFICATION SHEET

JFW MODEL 50S-1812

1P1T SELF TERMINATING SOLID STATE RF SWITCH

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Frequency Range	10-1000 MHz
Configuration	1P1T Self Terminating (Terminating on Both Ends)
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum 1.3:1 typical
Insertion Loss	1.50 dB maximum 0.61 dB typical @ 10 MHz 0.75 dB typical @ 1000 MHz
Isolation	55 dB minimum 74 dB typical @ 10 MHz 70 dB typical @ 250 MHz 67 dB typical @ 500 MHz 62 dB typical @ 1000 MHz
Switching Speed	10 microseconds maximum 0.84 microseconds typical
RF Input Power	+10 dBm
Control Logic (1 Line)	TTL "Low" for OFF and terminated TTL "High" for ON
DC Supply	+5 Vdc @ 150 mA maximum +5 Vdc @ 82 mA typical
DC Connector	Solder Terminals
RF Connector	SMA female
Operating Temperature Range	0° to +70° C
Physical Size	See outline drawing 092-837

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