

**SPECIFICATION SHEET**

**JFW MODEL 50S-1090**

**1P8T SELF TERMINATING SOLID STATE RF SWITCH**

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Frequency Range	800-3000 MHz
Configuration	1P8T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	3 dB maximum 800-2000 MHz 4 dB maximum 2000-3000 MHz
Isolation	60 dB minimum to 1000 MHz 55 dB minimum to 2000 MHz 50 dB minimum to 3000 MHz
Switching Speed	10 microseconds
RF Input Power	+20 dBm
Control Logic (4 Lines)	TTL High for ON  TTL Low for OFF and internally terminated in 50 Ohms
DC Supply	+5 Volts @ 200 mA maximum -5 Volts @ 400 mA maximum
DC Connector	3M #3793-5303
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-2543

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	09/23/1999						
9999	01/22/2003	A	TRS 09/18/2007				