

**SPECIFICATION SHEET**

**JFW MODEL 50S-1312**

**1P12T SELF TERMINATING SOLID STATE RF SWITCH**

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Frequency Range	800-2500 MHz
Configuration	1P12T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	3.0 dB maximum 800-1500MHz 4.5 dB maximum 1500-2500MHZ
Isolation	50 dB minimum
Switching Speed	10 microseconds
RF Input Power	+20 dBm
Control Logic (4 Lines)	TTL per 092-2531
DC Supply	+5 Vdc @ 200 mA maximum -5 Vdc @ 500 mA maximum
DC Connector	3M #3793-5303
RF Connector	SMA female
Operating Temperature Range	0° to +70° C
Physical Size	See outline drawing 092-2531

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/31/2003		BAC 03/31/2003				