

**SPECIFICATION SHEET**

**JFW MODEL 50S-847**

**1P6T SELF TERMINATING SOLID STATE RF SWITCH**

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Frequency Range	50-2000 MHz
Configuration	1P6T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum 50-750 MHz 1.4:1 maximum 750-1500 MHz 1.5:1 maximum 1500-2000 MHz
Insertion Loss	1.5 dB maximum 50-750 MHz 2.0 dB maximum 750-1500 MHz 3.0 dB maximum 1500-2000 MHz
Isolation	70 dB minimum to 1500 MHz 55 dB minimum to 2000 MHz
Switching Speed	1 microsecond maximum (50% TTL to 10% or 90% RF)
RF Input Power	+10 dBm
Control Logic (3 Lines)	TTL per 092-1178
DC Supply	+5 Vdc @ 250 mA maximum
DC Connector	.030 Diameter solder terminals
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-40°C to +85°C
Physical Size	See outline drawing 092-1178

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
431	04/24/1994	A		2218	10/25/1999	C	
	06/08/1994			9999	01/02/2003	D	BAC 04/30/2004
464	09/12/1995	B					