

**SPECIFICATION SHEET**

**JFW MODEL 50S-963**

**1P4T SELF TERMINATING SOLID STATE RF SWITCH**

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Frequency Range	800-2200 MHz
Configuration	1P4T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.4:1 maximum 800-1000 MHz 1.5:1 maximum 1000-2200 MHz
Insertion Loss	2.5 dB nominal 800-1000 MHz 3.5 dB nominal 1000-2200 MHz
Isolation	50 dB minimum
Switching Speed	10 microseconds
RF Input Power	+20 dBm
Control Logic (3 Lines)	TTL High - switch is ON TTL Low - switch is OFF and internally terminated in 50 Ohms
DC Supply	+ 5 Volts @ 200 mA maximum - 5 Volts @ 200 mA maximum
DC Connector	3M #3793-5303
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-2542

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/18/1997			9999	01/13/2003	C	TRS 08/18/2003
2152	07/15/1999	A					
2988	05/08/2002	B					