

**SPECIFICATION SHEET**

**JFW MODEL 50S-1011**

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

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Frequency Range	400-2000 MHz
Configuration	1P8T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	2.0 dB maximum 400-1000 MHz 3.0 dB maximum 1000-2000 MHz
Isolation	65 dB minimum 400-1000 MHz 55 dB minimum 1000-2000 MHz
Switching Speed	10 microseconds
RF Input Power	+20 dBm
Control Logic (8 Lines)	TTL High - port is ON. TTL Low - port is OFF and internally terminated in 50 Ohms.
DC Supply	+5 Vdc @ 150 mA nominal
DC Connector	.030 Diameter solder terminals
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-1143

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/10/1997						
2555	01/10/2001	A					
9999	01/20/2003	B	TRS 04/07/2003				