SPECIFICATION SHEET

JFW MODEL 50S-1337

1P1T SELF TERMINATING SOLID STATE RF SWITCH

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Frequency Range	800-3000 MHz
Configuration	1P1T Self Terminating (Terminated on Both ends in OFF state)
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss	2.25 dB maximum 0.95 dB typical @ 800 MHz 1.29 dB typical @ 2200 MHz 1.73 dB typical @ 3000 MHz
Isolation	50 dB minimum 80 dB typical @ 800 MHz 71 dB typical @ 2200 MHz 59 dB typical @ 3000 MHz
Switching Speed	500 nanoseconds
RF Input Power	+20 dBm
Control Logic (1 Line)	TTL Low for OFF and terminated TTL High for ON
DC Supply	+5Vdc @ 100mA nominal
Repeatability	± 0.05 dB typical
MTBF	813,613 hours
DC Connector	Solder Terminals
RF Connector	SMA female
Operating Temperature Range	0° to +70° C
Physical Size	See outline drawing 092-837

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/09/2003		BAC 09/09/2003	25613	08/04/2015	C	TRS 08/04/2015
24944	02/17/2015	A	TRS 02/17/2015				
24968	02/19/2015	B	TRS 02/19/2015				