

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

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	09/09/2003		BAC 09/09/2003	25613	08/04/2015	C	TRS 08/04/2015
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