SPECIFICATION SHEET
JFW MODEL 50S-1422
1P2T SOLID STATE RF SWITCH

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Frequency Range	100-500 MHz
Configuration	1P2T
Impedance	50 Ohms nominal
VSWR	1.25:1 maximum
Insertion Loss	0.5 dB maximum
Isolation	55 dB minimum
Switching Speed	40 microseconds (50% TTL to 10% or 90% RF)
RF Input Power	250 Watts average (cold switch) 500 Watts peak (1usec pulse) 100 Watts average (hot switch*)
Control (1 line)	TTL Low for J1-COM TTL High for J2-COM (off port is reflective)
DC Supply	+15 Vdc @ 250 mA +5 Vdc @ 40 mA
RF Connector	BNC, SMA, TNC or N female
Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-55°C to +85°C
Physical Size	See outline drawing 092-3022

* If switch rate exceeds 1000 cycles per second, external heatsinking will be required to maintain a maximum case temperature of +70°C.

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