SPECIFICATION SHEET
JFW MODEL 50S-1407
1P3T SOLID STATE RF SWITCH

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range	100-500 MHz
Configuration	1P3T
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum
Insertion Loss	0.5 dB maximum
Isolation	50 dB minimum
Switching Speed	40 microseconds (50% TTL to specified isolation) 30 microseconds (50% TTL to -50 dBc ON-OFF)
RF Input Power	250 Watts average Cold switch 500 Watts peak 20 Watts average Hot switch
Control Logic (3 Lines)	(C1 for J1, C2 for J2, C3 for J3) TTL Low for "OFF" and reflective TTL High for "ON" (Only one line can be TTL "High" at a time.)
DC Supply	+15 Vdc @ 400 mA nominal +5 Vdc @ 80 mA nominal
RF Connector	SMA, TNC or N female
DC Connector	solder terminals
Operating Temperature Range	-20°C to +70°C
Storage Temperature Range	-55°C to +85°C
Physical Size	See outline drawing 092-4704

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