

SPECIFICATION SHEET

JFW MODEL 50S-713

1P4T SELF TERMINATING SOLID STATE RF SWITCH

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Frequency Range	20-100 MHz
Configuration	1P4T Self Terminating
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum (all conditions)
Insertion Loss	0.4 dB maximum
Isolation	55 dB minimum
Switching Speed	5 microseconds (OFF to On) 8 microseconds (ON to OFF)
RF Input Power	20 Watts average *
Control Logic (4 Lines)	TTL High for ON TTL Low for OFF and internally terminated in 50 Ohms
DC Supply	+15 Vdc @ 400 mA +5 Vdc @ 150 mA
RF Connector	SMA female
Operating Temperature Range	0°C to +70°C
Storage Temperature Range	-55°C to +85°C
Phase Delay	+15 ± 10° @ 20 MHz -25 ± 10° @ 100 MHz
Physical Size	See outline drawing 092-1886

*20 Watts average at a maximum case temperature of 85°C.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/08/1992			2494	10/10/2000	C	
230	04/04/1994	A		2563	01/17/2001	D	
707	04/02/1997	B		9999	12/26/2002	E	BAC 01/07/2003