SPECIFICATION SHEET

JFW MODEL 50P-1900

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range	700-3000 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32 and 64 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	± 0.5 dB or 2% of programmed (guaranteed monotonic)
Insertion Loss	6.0 dB maximum 2.3 dB typical @ 700 MHz 4.8 dB typical @ 3000 MHz
RF Input Power	+20 dBm
Switching Speed	5 microseconds maximum
DC Supply	+5 Vdc @ 140 mA typical (0 dB) @ 155 mA typical (127 dB) -5 Vdc @ 115 mA typical (0dB) @ 85 mA typical (127 dB)
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	T&B #609-1007
RF Connector	SMA
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5410-02

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/13/2010		CLK 04/13/2010				