

SPECIFICATION SHEET

JFW MODEL 50S-2064

1P1T SELF TERMINATING SOLID STATE RF SWITCH

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|-----------------------------|--|
| Frequency Range | 5-2000 MHz |
| Configuration | 1P1T Self Terminating (Terminated on Both ends in OFF state) |
| Impedance | 50 Ohms nominal |
| VSWR | 1.3:1 typical / 1.5:1 maximum |
| Insertion Loss | 1.0 dB typical @ 5 MHz 1.0 dB typical @ 500 MHz 1.3 dB typical @ 1000 MHz 1.6 dB typical @ 1500 MHz 2.4 dB typical @ 2000 MHz 2.75 dB maximum 5-2000MHz |
| Isolation | 65 dB typical / 55 dB minimum |
| Switching Speed | 1.5 microseconds maximum (50% TTL to 10% or 90% RF) 1.0usec typical ON (50% TTL to 90%RF) 390nsec typical OFF(50% TTL to 10%RF) |
| RF Input Power | +10 dBm maximum 5-100MHz +20 dBm maximum 100-2000MHz |
| Control Logic (1 Line) | TTL "Low" (0-0.8Vdc) for OFF and terminated TTL "High" (2.0-5.0Vdc) for ON |
| DC Supply | +5Vdc @ 100mA nominal |
| DC Connector | Solder Terminals |
| RF Connector | SMA female |
| Operating Temperature Range | 0° to +70° C |
| Physical Size | See outline drawing 092-837 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
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