

SPECIFICATION SHEET

JFW MODEL 50S-1567

1P12T SELF TERMINATING SOLID STATE RF SWITCH

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|-----------------------------|--|
| Frequency Range | 20-4300 MHz |
| Configuration | 1P12T Self Terminating |
| Impedance | 50 Ohms nominal |
| VSWR | 1.6:1 maximum |
| Insertion Loss | 2.0 dB maximum 20-1000 MHz 2.5 dB maximum 1000-2000 MHz 3.5 dB maximum 2000-3000 MHz 4.5 dB maximum 3000-4300 MHz |
| Isolation | 70 dB minimum to 2000 MHz 50 dB minimum to 4300 MHz |
| Switching Speed | 20 microseconds |
| RF Input Power | +20 dBm (20-100 MHz) +30 dBm (100-4300 MHz) |
| Control Logic (4 Lines) | TTL per 092-4368 |
| DC Supply | +24 Vdc @ 250 mA nominal and +5 Vdc @ 150 mA nominal |
| DC Connector | 3M #3793-5303 |
| RF Connector | SMA female |
| Operating Temperature Range | 0°C to +70°C (50S-1567) -40°C to +70°C (50S-1567-ET) |
| Available Model Numbers | 50S-1567 SMA (standard model) 50S-1567-ET SMA (extended temperature range) |
| Physical Size | See outline drawing 092-4368 |

| ECR/ECN # | DATE | REV | APPR / DATE | ECR/ECN # | DATE | REV | APPR / DATE |
|-----------|------------|-----|----------------|-----------|------|-----|-------------|
| | 08/28/2007 | | BAC 08/28/2007 | | | | |
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