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# SP5T REF HIGH POWER SWITCH **SW-1326**

SPECIFICATIONS:

| | | | |
|---|---|---|---|
| ***B.W 25% WITHIN FREQUENCY RANGE:** . . . . . | **0.5÷1.0** | GHz | |
| * INSERTION LOSS: . . . . . | **0.8** | dB max. | |
| * ISOLATION: . . . . . | | | |
| 1. RF {in to out} GHz . . . . . | **35** | dB min. | |
| GHz . . . . . | | dB min. | |
| 2. RF TO CONTROL . . . . . | | dB min. | |
| 3. CONTROL TO RF {VIDEO LEAKAGE} : . . . . . | | mV p-p max | |
| * VSWR: . . . . . | **1.4:1** | max. | |

TTL CONTROL LOGIC:

[ X ] INVERTING {0=I.L. 1=ISO.}

[ ] NON-INVERTING {0=ISO. 1= I.L.}

NO. OF CONTROL LINES FOR SPDT SWITCH [ ] ONE [ ] TW0

| | | |
|---|---|---|
| * SWITCHING SPEED: | | |
| 1. Ton - 50% TTL to 90% OF RF VOLTAGE . . . . . | **5.0** | µSec max. |
| 2. Toff - 50% TTL to 10% OF RF VOLTAGE . . . . . | **5.0** | µSec max. |
| * SWITCHING RATE: | | |
| 1. PRF. . . . . | **0.5** | MHz max. |
| 2. PULSE WIDTH . . . . . | | nSec min. |

[ ] HOT SWITCHING [ ] COLD SWITCHING

| | | |
|---|---|---|
| * POWER HANDLING: | | |
| 1. CW . . . . . at _____ DEG. C . . . . . | **60** | W max. |
| 2. PEAK POWER . . at _____ DEG. C . . . . . | **500** | W max. |
| . | | |
| PULSE WIDTH . . . . . | | mm Sec. min. |
| DUTY CYCLE . . . . . | | % |
| * HARMONICS: . . at _____ mW POWER INPUT . . . | | dBc |

* POWER SUPPLY:

| | | | | |
|---|---|---|---|---|
| **350** | mA | at | **+5.0** | VOLT |
| **50** | mA | at | **-60.0** | VOLT |

* DRIVER: YES

* TEMPERATURE RANGE:

| | | | | |
|---|---|---|---|---|
| STORAGE . . . . . | **-60** | DEG. C TO | **+120** | DEG. C |
| OPERATING . . . . . | **-54** | DEG. C TO | **+85** | DEG. C |

**NOTE**: **Bandwidth 25% within frequency range**