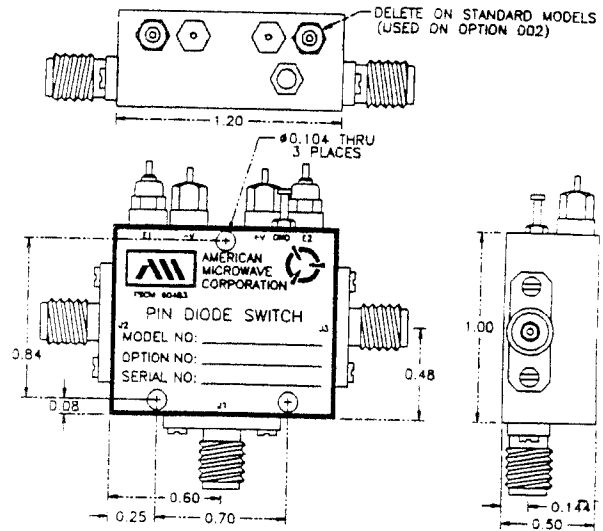


AMERICAN MICROWAVE CORPORATION

LOW LOSS 10 MHz TO 18 GHz REFLECTIVE, SPDT SWITCH

- 10 MHz TO 18 GHz
- VERY LOW LOSS
- HIGH ISOLATION
- LOW CURRENT DRAW



AMC MODEL No: SWN-RRA-2DR-0118

SPECIFICATIONS:

- | | | |
|-------------------|---|------------|
| • FREQUENCY RANGE | : 10 MHz to 18 GHz | |
| • INSERTION LOSS | : 2.50 dB Max. | |
| | : 1.20 dB Typ. | @ 10 MHz |
| | : 1.00 dB Typ. | @ 100 MHz |
| | : 0.36 dB Typ. | @ 2.0 GHz |
| | : 1.10 dB Typ. | @ 10.0 GHz |
| | : 1.90 dB Typ. | @ 18.0 GHz |
| • ISOLATION | : ≥ 70 dB Min. | |
| | : ≥ 95 dB Typ. | @ 100 MHz |
| | : ≥ 95 dB Typ. | @ 2.0 GHz |
| | : ≥ 88 dB Typ. | @ 10.0 GHz |
| | : ≥ 76 dB Typ. | @ 18.0 GHz |
| • VSWR | : 2.0:1 | |
| • SWITCHING SPEED | : RISE : 10 nS Max., 8 nS Typ. | |
| | : FALL : 10 nS Max., 8 nS Typ. | |
| | : ON : 70 nS Max., 60 nS Typ. | |
| | : OFF : 70 nS Max., 60 nS Typ. | |
| • CONTROL | : TTL Compatible, (TOGGLE OR INDEPENDENT CONTROL AVAILABLE) | |
| • RF INPUT POWER | : +20dBm Operating, 1 Watt Survival | |
| • DC POWER SUPPLY | : ±5vdc @ +60mA, -50mA Maximum | |
| • SIZE | : 1.2" X 1.0" X 0.5" | |

ABSORPTIVE AND MULTITHROW VERSIONS AVAILABLE

7311G GROVE ROAD, FREDERICK, MARYLAND 21701 • Tel. (301) 662-4700 • Fax (301) 662-4938