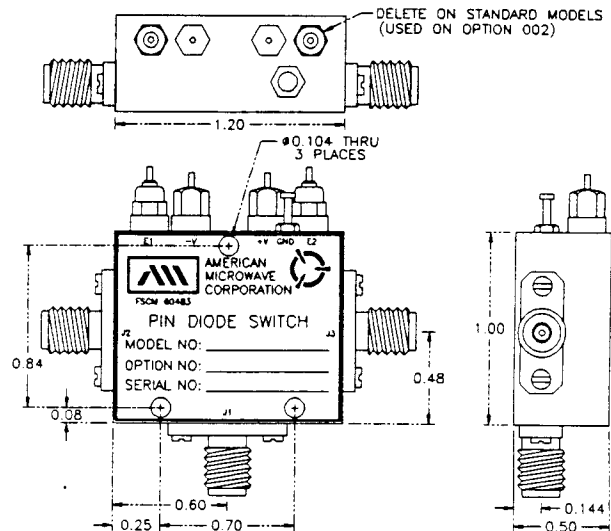




LOW LOSS, HIGH SPEED REFLECTIVE, SPDT SWITCH/MODULATOR

- LOW LOSS
- HIGH ISOLATION
- FAST SWITCHING SPEED



AMC MODEL No: SWN-218-2DR-HPX

SPECIFICATIONS:

- **FREQUENCY RANGE** : 0.50 to 18.0 GHz
- **INSERTION LOSS** : 2.50 dB MAX., <2.0 dB TYP.
: 0.67 dB TYP. @ 0.5 GHz
: 1.00 dB TYP. @ 8.0 GHz
: 1.81 dB TYP. @ 18.0 GHz
- **ISOLATION** : 60 dB MIN., 75 dB TYP.
: 94 dB TYP. @ 0.5 GHz
: 94 dB TYP. @ 8.0 GHz
: 84 dB TYP. @ 18.0 GHz
- **INPUT VSWR** : 2.0:1 MAX.
- **SWITCHING SPEED** : "RISE" : 10nS MAX., 8nS Typical
: "FALL" : 10nS MAX., 5nS Typical
: "ON" : 35nS MAX., 28nS Typical
: "OFF" : 35nS MAX., 10nS Typical
- **VIDEO TRANSIENTS** : 1.7 V Peak to Peak measured in a 300 MHz BW
- **CONTROL** : TTL Compatible
- **RF POWER** : +20dBm Operating, 1 Watt Survival
- **DC POWER SUPPLY** : ±5vdc @ 80mA MAX., 60mA TYP.
- **SIZE** : 1.2" X 1.00" X 0.50"
- **WEIGHT** : <2.0 oz.

ABSORPTIVE, MULTITHROW AND OTHER FREQUENCY BANDWIDTH VERSIONS AVAILABLE

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