DESCRIPTION

This standard AMC model SWNK-218-2DT/DR is a single pole two throw, reflective (DR) or absorptive (DT) high speed solid state switch has the capability to operate between 500MHz to 40GHz. Customize for fit and function, select from standard options listed below or contact us for other personalized options.

SPECIFICATIONS:

- Frequency: 0.5 - 40GHz
- Insertion loss: 6.5dB maximum
- Isolation: 60dB minimum
- VSWR: 2.2:1 maximum
- Speed: delay on: 100ns maximum, delay off: 100ns maximum
- Power input: (CW)+20dBm maximum
- Control: TTL logic "0" = J1-J2 ON, TTL logic "1" = J1-J3 ON
- Power supply: +5V @ 100 mA maximum, -5V @ 100 mA maximum

OPTIONS:

- 50M40: 50MHz - 40GHz frequency range
- 100M40: 100MHz - 40GHz frequency range
- 240: 1GHz - 40GHz frequency range
- 240: 2GHz - 40GHz frequency range
- 1840: 18GHz - 40GHz frequency range
- B01: -12V power supply
- B02: -15V power supply
- B08: Low video transients (specify video bandwidth)
- B10: High isolation (specify)
- I0: Independent control; "0" on & "1" off
- D01: Decoder
- S01: Solder pin
- M01: Multi pin

ENVIRONMENTAL RATINGS:

- Temperature: -40°C to +85°C (operating), -65°C to +125°C (storage)
- Temperature cycle: MIL-STD-202F, method 1070 cond. A

NOTE: Specifications will vary over operating temperature. Note: the above specifications are subject to change or revision. If environmental testing is required, please contact sales department.