DESCRIPTION
AMC MODEL SWCH1K–DC40–SK IS A TERMINATED SPST SWITCH WITH A FREQUENCY RANGE OF DC TO 40 GHz.

FEATURES
- HIGH FREQUENCY
- MINIATURE SIZE
- WIDE BANDWIDTH
- LOW POWER
- FAST RISE TIMES

SPECIFICATIONS
- FREQUENCY RANGE: DC TO 40 GHz
- INSERTION LOSS: 6.8dB MAXIMUM
- ISOLATION: 55dB MINIMUM
- VSWR: 2.2:1 MAXIMUM
- RISE/FALL TIME*: 1ns MAXIMUM
- SWITCHING TIME*: 6ns MAXIMUM
- CONTROL: TTL "1"=ON (STANDARD)
- RF POWER: 17dBm MAXIMUM
- DC on RF INPUT: ±0.5V MAXIMUM
- CONNECTORS
  - RF IN/OUT: K Connector 2.92mm
  - CONTROL: SMC
  - POWER: SOLDER PINS
- DC POWER
  - +V: +8V TO +15V @ 15mA MAXIMUM
  - -V: -8V TO -15V @ 40mA MAXIMUM
- SIZE: 1.20" x 1.30" x 0.50"

AVAILABLE OPTIONS:
- 1840: 18 – 40GHz FREQUENCY RANGE
- 3025F: 3.25GHz FIXED (WITH 4nS RISE/FALL TIME)

ENVIRONMENTAL RATINGS
- TEMPERATURE: -40°C TO +85°C (OPERATING)
  -55°C TO +125°C (STORAGE)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION
* Units are designed to meet Environmental ratings but not tested. If Environmental Testing is required, please contact Sales Department.