**DESCRIPTION:**
AMC MODEL SWNLC-DC20-1DT is a single pole single throw, non-reflective/absorptive switch module with very low insertion loss, high speed and with integral TTL driver, designed for DC to 20 GHz operation.

**SPECIFICATIONS:**
- Frequency: DC GHz to 20 GHz
- Insertion Loss: 3.0 dB maximum @ 20 GHz
- Isolation: 40 dB minimum
- VSWR: Absorptive in/out: 2.0:1
- Rise: 5nSec maximum
- Fall: 5nSec maximum
- Delay on: 25nSec maximum
- Delay off: 25nSec maximum
- Power Input: (CW)+18dBm (standard)
- IIP3 (min): 43 dBm min. 100 MHz spacing 2 dBm input
- IIP2 (min): 73 dBm min. 100 MHz spacing 2 dBm input
- Control: TTL logic "0" = on "1" = off
- Power Supply: -5V @ 50 mA maximum

**OPTIONS:**
- B01: -12V power supplies
- B02: -15V power supplies
- B03: reverse logic "1" = on "0" = off

**ENVIRONMENTAL RATINGS:**
- Temperature: -40°C to +85°C (operating)
- Temperature cycle: MIL-STD-202F, method 107D cond. A

**ALL DIMENSIONS ARE IN INCHES**

**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.
DESCRIPTION:
AMC MODEL SWNLCD-DC20-1DT IS A SINGLE POLE SINGLE THROW, NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH VERY LOW INSERTION LOSS, HIGH SPEED AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR DC TO 20 GHz OPERATION.