AMC MODEL SWN-1140-3DR/DT-STANDARD IS A SINGLE POLE THREE THROW, REFLECTIVE OR NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH LOW INSERTION LOSS, HIGH SPEED AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR BROAD BAND OPERATIONS.

SPECIFICATIONS:

- **Frequency:** 0.5 GHz to 18 GHz
- **Insertion Loss:** REFLECTIVE: 2.75db, ABSORPTIVE: 3.75db
- **Isolation:** 0.5 GHz to 18 GHz: 60db
- **VSWR:** REFLECTIVE IN/OUT: 2:0:1, ABSORPTIVE IN/OUT: 2:0:1
- **Rise:** 15ns MAX.
- **Fall:** 15ns MAX.
- **Control:** TTL LOGIC "O"=ON, "1"=OFF
- **Power Supply:** +5V @ 150 mA MAX.
- **Survival Power:** 1 watt CW, 10 watts PEAK 1 usec
- **Power Supply:** +5V @ 150 mA MAX.
- **Temperature:** -40°C TO +85°C (OPERATING)
- **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

OPTIONS:

- DEC-SP: 2 BIT DECODER WITH SOLDER PIN
- B01: 12V POWER SUPPLIES
- B02: -15V POWER SUPPLIES
- B03: REVERSE LOGIC "1"=ON, "0"=OFF
- B04: DRIVERLESS, CURRENT CONTROLLED
- B05: HIGH SPEED, TURNON/TURNOFF 20 nsec MAXIMUM
- B06: HIGH POWER - SPECIFY CW POWER, PEAK POWER, PULSE WIDTH, DUTY CYCLE, RF FREQUENCY AND BANDWIDTH
- B08: LOW VIDEO TRANSIENTS - SPECIFY VIDEO BANDWIDTH
- B10: HIGHER ISOLATION VERSION (SPECIFY)

ENVIRONMENTAL RATINGS:

- **Temperature:** -40°C TO +85°C (OPERATING)
- **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
- 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.