AMC MODEL SWM-DJV-1DT-2ATT IS A SINGLE POLE SINGLE THROW, NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH VERY LOW VIDEO TRANSIENT, ULTRA HIGH SPEED, HIGH ISOLATION, AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR DC TO 20 GHz OPERATION.

SPECIFICATIONS:
- FREQUENCY: DC TO 20 GHz
- INSERTION LOSS: ABSORPTIVE: 4.5dB
- ISOLATION: DC TO 12 GHz: 60db
  12 GHz TO 20 GHz: 70db
- VSWR: ABSORPTIVE IN/OUT: 2.0:1
  ABSORPTIVE OUT/FF: 2.0:1
- SPEED: RISE: 1ns TYPICAL, 2ns MAX.
  FALL: 1ns TYPICAL, 2ns MAX.
  DELAY ON: 12ns TYPICAL, 15ns MAX.
  DELAY OFF: 12ns TYPICAL, 15ns MAX.
- VIDEO TRANSIENT: 20mV P-P @ 300MHz BANDWIDTH(2-20 GHz)
  4mV P-P @ 20MHz BANDWIDTH(2-20 GHz)
  150mV P-P @ 300MHz BANDWIDTH(DC-20 GHz)
- POWER INPUT: (CW)+20dBm (STANDARD),
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: TTL LOGIC "0"-ON, "1"-OFF
- POWER SUPPLY: -5V & 25 mA MAX.

AVAILABLE OPTIONS:
- 003: REVERSE LOGIC "1" = ON
- 007: REVERSE LOGIC "1" = ON
- 10812: 1.8 - 12GHz FREQUENCY RANGE

ENVIRONMENTAL RATINGS:
- TEMPERATURE: -55°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
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

M/N = MANUFACTURER PART NUMBER
O/N = OPTION NUMBER
S/N = SERIAL NUMBER
P/N = PART NUMBER

NOTE:
DR=WITH DRIVER, REFLECTIVE
DT=WITH DRIVER, NON-REFLECTIVE/ABSORPTIVE

ALL DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ±0.020
X.XXX ±0.010