DESCRIPTION
AMC MODEL SWN-1140-6DR/DT-STANDARD IS A SINGLE POLE SIX THROW, REFLECTIVE OR NON-REFLECTIVE/ABSORPTIVE SWITCH MODULE WITH HIGH ISOLATION, LOW LOSS, HIGH SPEED, AND WITH INTEGRAL TTL DRIVER, DESIGNED FOR WIDE BAND OPERATIONS.

SPECIFICATIONS:
- FREQUENCY: 0.5 GHz TO 18 GHz
- INSERTION LOSS: REFLECTIVE: 3.5 db, ABSORPTIVE: 4.25 db
- ISOLATION: 0.5 GHz TO 18 GHz: 60 db
- VSWR: REFLECTIVE IN/OUT: 2:0:1, ABSORPTIVE IN/OUT: 2:0:1, ABSORPTIVE OUT/IN: 2:0:1
- SPEED: RISE: 15 ns MAX, FALL: 15 ns MAX, DELAY IN: 100 ns MAX, DELAY OFF: 100 ns MAX
- POWER INPUT: (CW)+20 dbm (STANDARD), +10 dbm (HIGH SPEED)
- SURVIVAL POWER: 1 WATT CW, 10 WATTS PEAK 1 USEC
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V 300 mA MAX, -5V 75 mA MAX (REFLECTIVE), 100 mA MAX (ABSORPTIVE/NON-REFLECTIVE)
- SIZE: 1.25" (L) x 1.25" (W) x 0.40" (H)

OPTIONS:
- DEC-SP: 3 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 usec 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: +85°C TO +125°C (STORAGE)
- SHOCK: MIL-STD-202F, METHOD 103B, 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

NOTICE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE. 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.