DESCRIPTION
THIS STANDARD AMC MODEL MSNK-BDT/DR-05 IS A SINGLE POLE EIGHT THROW,
REFLECTIVE (DR) OR ABSORPTIVE (DT) HIGH SPEED SOLID STATE SWITCH HAS
THE CAPABILITY TO OPERATE BETWEEN 500MHz TO 40GHz. CUSTOMIZE FOR FIT AND
FUNCTION, SELECT FROM STANDARD OPTIONS LISTED BELOW OR CONTACT US FOR
OTHER PERSONALIZED OPTIONS.

SPECIFICATIONS:

- FREQUENCY: 0.5 - 40GHz
- INSERTION LOSS: 9.5dB MAXIMUM
- ISOLATION: 60dB MINIMUM
- VSWR: 2.2:1 MAXIMUM
- SPEED: DELAY ON: 100ns MAXIMUM
- POWER INPUT: (CW)+20dBm MAXIMUM
- CONTROL: TTL LOGIC "0"=ON "1"=OFF
- POWER SUPPLY: +5V @ 400 mA MAXIMUM
- 5V @ 100 mA MAXIMUM

OPTIONS:

- 50MHz: 50MHz - 40GHz FREQUENCY RANGE
- 100MHz: 100MHz - 40GHz FREQUENCY RANGE
- 140: 1.0GHz - 40GHz FREQUENCY RANGE
- 240: 2.0GHz - 40GHz FREQUENCY RANGE
- 1840: 18GHz - 40GHz FREQUENCY RANGE
- B01: -12V POWER SUPPLY
- B02: -15V POWER SUPPLY
- BOB: LOW VOLTAGE TRANSIENTS (SPECIFY VOLTAGE BANDWIDTH)
- B10: HIGH ISOLATION (SPECIFY) (INSERTION LOSS IS SUBJECT TO INCREASE)
- IND: INDEPENDENT CONTROL; "0"= ON & "1"= OFF
- DEC: DECODER
- SP: SOLDER PIN
- MP: MULTI PIN

ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- VIBRATION: MIL-STD-202F, METHOD 213B COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107B COND. A

NOT: SPECIFICATIONS WILL VARY DURING OPERATING TEMPERATURE
THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

TOLERANCES: X.XX ±0.020
X.XXX ±0.010

AMERICAN MICROWAVE CORPORATION
FREDERICK, MARYLAND

PRODUCT FEATURE
MSNK-BDT-05
MSNK-BDT-05 (STANDARD)

RRA 1/24/10
RRA 1/24/10
A 60483 100-8859 A

SCALE N/S SHEET 1 of 1