

DESCRIPTION

THIS STANDARD AMC MODEL SWNK-218-2DT/DR IS A SINGLE POLE TWO 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.

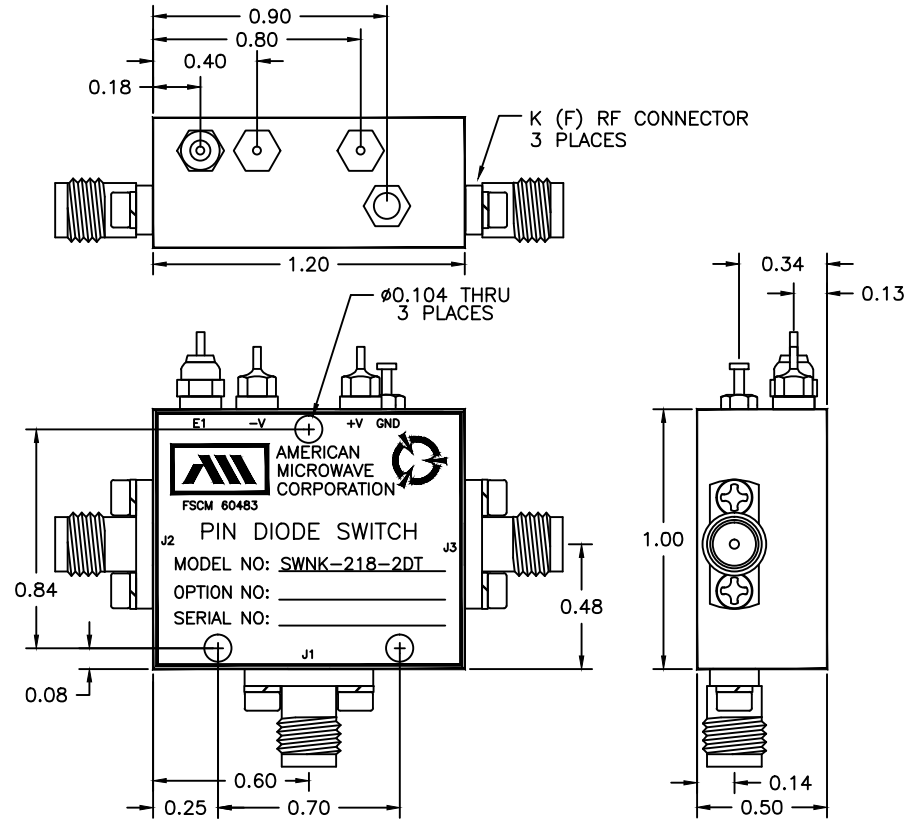
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SEE ER# 023-18	6/4/18	RRR

SPECIFICATIONS:

- FREQUENCY: 0.5 – 40GHz
- INSERTION LOSS: 6.5dB MAXIMUM
- ISOLATION: 60dB MINIMUM
- VSWR: 2.2:1 MAXIMUM
- SPEED: DELAY ON: 100ns MAXIMUM
DELAY OFF: 100ns MAXIMUM
- POWER INPUT: (CW)+20dBm MAXIMUM
- CONTROL: TTL LOGIC "0" = J1-J2 ON
TTL LOGIC "1" = J1-J3 ON
- POWER SUPPLY: +5V @ 100 mA MAXIMUM
-5V @ 100 mA MAXIMUM

OPTIONS:

- 50M40 50MHz – 40GHz FREQUENCY RANGE
- 100M40 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
- B08 LOW VIDEO TRANSIENTS (SPECIFY VIDEO BANDWIDTH)
- B10 HIGH ISOLATION (SPECIFY)
- IND INDEPENDENT CONTROL; "0"= ON & "1"= OFF
- DEC DECODER
- SP SOLDER PIN
- MP MULTI PIN



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -40°C TO +85°C (OPERATING)
-65°C TO +125°C (STORAGE)
- 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

* Units are designed to meet Environmental ratings but not tested. If Environmental Testing is required, please contact Sales Department.

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

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND			
APPROVALS		TITLE			
DATE		PRODUCT FEATURE			
DRAWN <i>RFW</i>		SWNK-218-2DR, SWNK-218-2DT (STANDARD)			
ENG <i>RRR</i>		SIZE	FSCM NO.	DWG NO.	REV.
DATE <i>5/22/18</i>		A	60483	100-8862	A
QAE <i>RRR</i>		SCALE N:S		SHEET 1 OF 1	
DATE <i>5/22/18</i>					