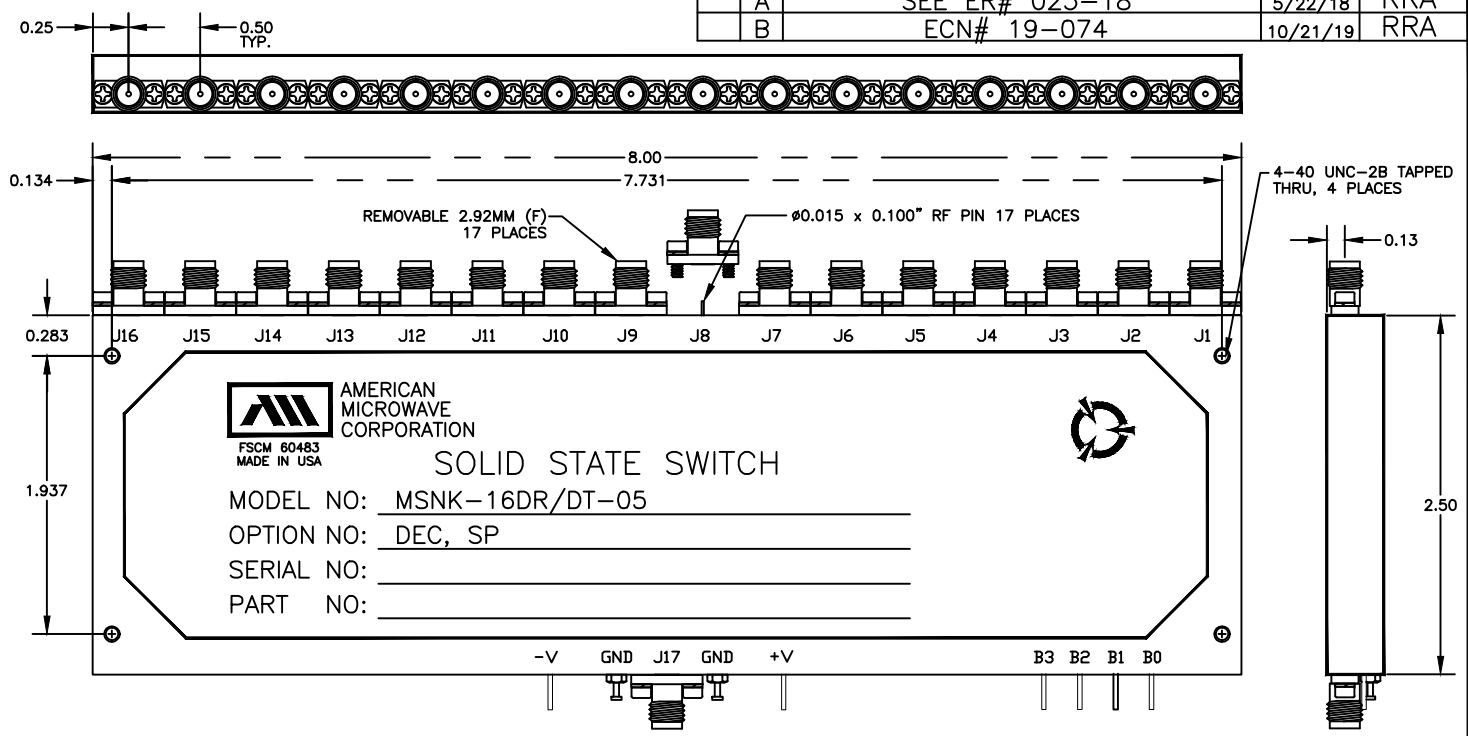


REVISONS		DATE	APPROVED
ZONE	REV.	DESCRIPTION	
	A	SEE ER# 023-18	5/22/18 RRA
	B	ECN# 19-074	10/21/19 RRA

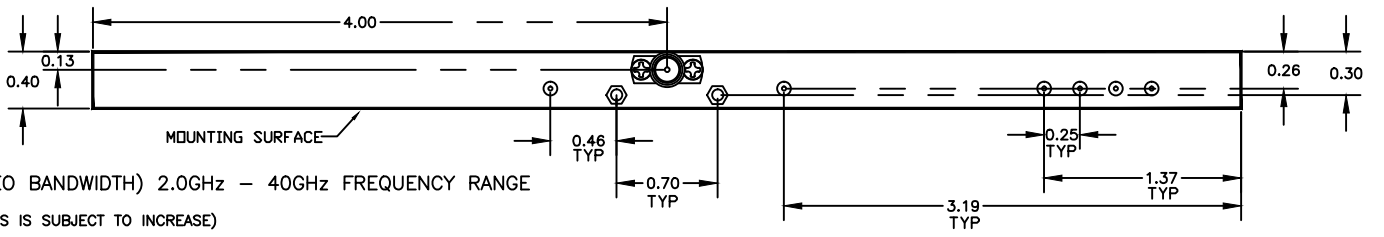
SPECIFICATIONS:

- FREQUENCY: 0.5 GHz TO 40 GHz
- INSERTION LOSS: -14dB MAXIMUM
- ISOLATION: -60 dB MINIMUM
- VSWR: -2.2:1 MAXIMUM
- SPEED: -DELAY ON: 100ns MAX.
-DELAY OFF: 100ns MAX.
- POWER INPUT: (CW)+20dBm
- CONTROL: -SEE LOGIC TABLE
- POWER SUPPLY: +5V @ 800 mA MAX.
-5V @ 200mA MAX.



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) 2.0GHz - 40GHz FREQUENCY RANGE
- 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



LOGIC TABLE				
B3	B2	B1	B0	THRU PATH
0	0	0	0	J17 TO J1
0	0	0	1	J17 TO J2
0	0	1	0	J17 TO J3
0	0	1	1	J17 TO J4
0	1	0	0	J17 TO J5
0	1	0	1	J17 TO J6
0	1	1	0	J17 TO J7
0	1	1	1	J17 TO J8
1	0	0	0	J17 TO J9
1	0	0	1	J17 TO J10
1	0	1	0	J17 TO J11
1	0	1	1	J17 TO J12
1	1	0	0	J17 TO J13
1	1	0	1	J17 TO J14
1	1	1	0	J17 TO J15
1	1	1	1	J17 TO J16

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

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: 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.

PART NO.		AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND	
APPROVALS	DATE	TITLE PRODUCT FEATURE MSNK-16DR-05 MSNK-16DT-05 (STANDARD)	
DRAWN R JW	5/22/18	SIZE A	FSCM NO. 60483
ENG. R R A	10/18/19	DWG NO. 100-8861	REV. B
QA R R A	10/18/19	SCALE N/S	
			SHEET 1 of 1