

DESCRIPTION

AMC MODEL SWNR-218-8DT-00118 IS A RADIAL NON-REFLECTIVE SINGLE POLE EIGHT THROW SWITCH DESIGNED TO OPERATE BETWEEN 10MHz AND 18GHz.

SPECIFICATIONS

- FREQUENCY RANGE: 10MHz TO 18 GHz
- INSERTION LOSS: 4.75dB MAXIMUM.
- ISOLATION: 60 dB MINIMUM
- VSWR: 2.0:1 MAXIMUM
- SPEED: RISE: 200ns MAXIMUM
FALL: 200ns MAXIMUM
DELAY ON: 500ns MAXIMUM
DELAY OFF: 500ns MAXIMUM
- CONTROL: TTL COMPATIBLE
- RF INPUT POWER: +20dBm OPERATING, 1 WATT SURVIVAL
- POWER SUPPLY: +5V @ 400 mA MAXIMUM
-5V @ 75 mA MAXIMUM
- CONNECTORS:
RF: SMA

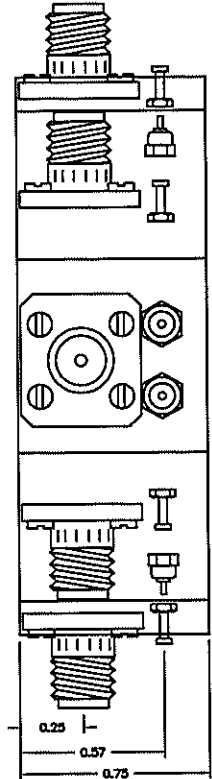
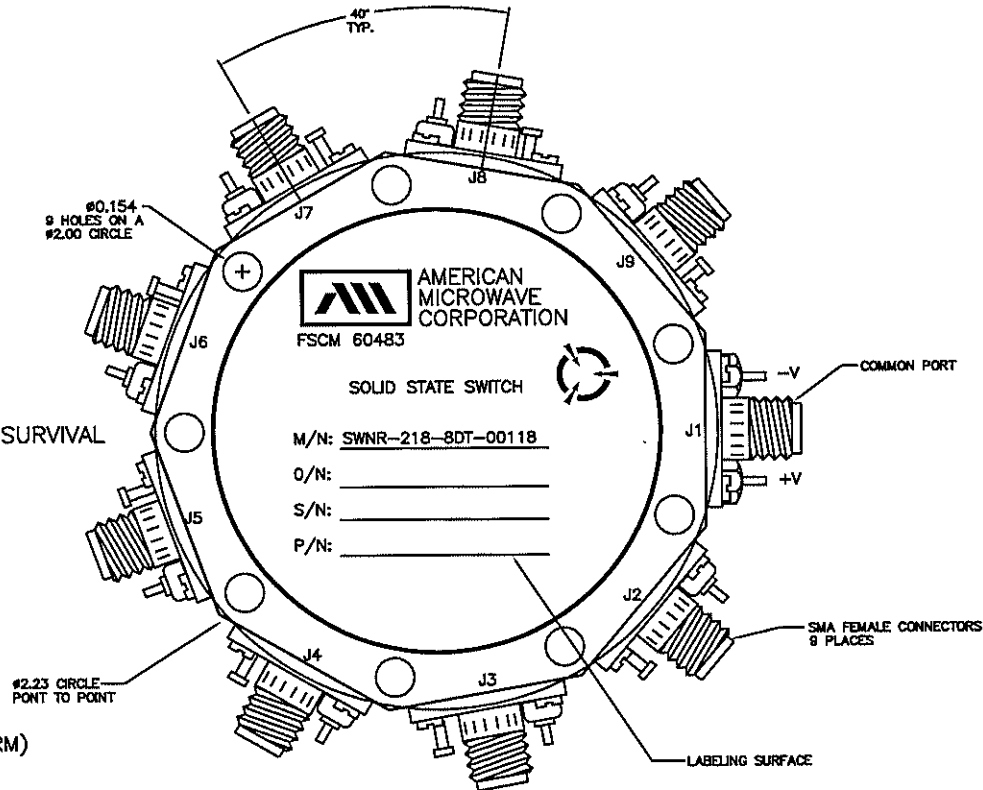
OPTIONS:

- 001 SMA MALE CONNECTORS
INCREASED INSERTION LOSS 0.25dB PER ARM)
- 002 INVERTED LOGIC, "0" = ON
TTL LOGIC, "1" = ON
- 003 +12V SUPPLY
- 004 +15V SUPPLY
- 005 3 BIT DECODER
- 006 -12V SUPPLY
- 007 -15V SUPPLY
- 103 INTEGRAL BAND PASS VIDEO FILTERS
ONLY AVAILABLE ON UNITS WITH A FREQUENCY
RANGE STARTING ABOVE 2.0GHz
- XXXXX INDICATES THE FREQUENCY FOR WHICH THE SWITCH
HAS BEEN ADJUSTED.

EXAMPLE:

00418: 40MHz TO 18GHz
00118: 10MHz TO 18GHz
0012: 10MHz TO 2GHz
48: 4GHz TO 8GHz

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



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
-	-	ORIGINAL RELEASE - JOB# 804068DPP-2	5/6/08	LL

AMERICAN MICROWAVE CORPORATION

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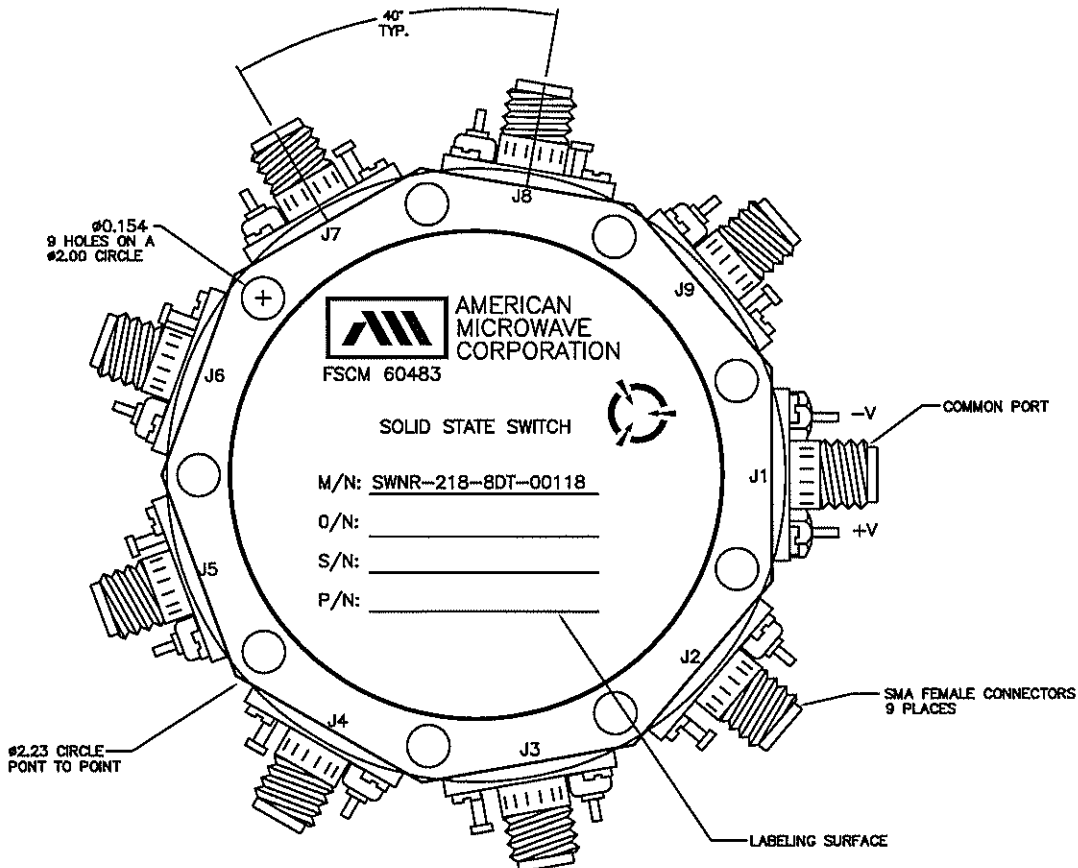


APPROVALS		DATE	TITLE			
DRAWN	SCMS	5/6/08	PRODUCT FEATURE			
REDRAWN	LL	5/6/08	SWNR-218-8DT-00118			
ISSUED			10MHz - 18 GHz, SINGLE POLE TWO EIGHT SWITCH			
			SIZE	FSCM NO.	DWG NO.	REV.
			A	60483	100-7779	-
			SCALE	N:S		SHEET
					1 OF 3	

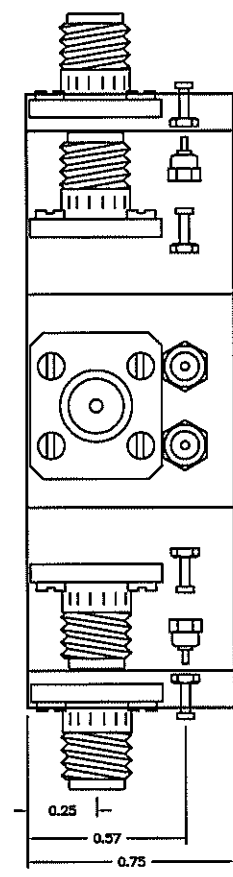
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MECHANICAL OUTLINE



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 TOLERANCES:
 X.XX ±0.020
 X.XXX ±0.010

APPROVALS		DATE	TITLE			
DRAWN	<i>KMS</i>	5/6/08	MECHANICAL OUTLINE SWNR-218-8DT-00118			
REDRAWN	<i>LL</i>	5/6/08	10MHz - 18 GHz, SINGLE POLE TWO EIGHT SWITCH			
ISSUED			SIZE	FSCM NO.	DWG NO.	REV.
			A	60483	100-7779	-
			SCALE	N:S	SHEET	2 OF 3