

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	SEE ER# 006-14	1/30/14	RA

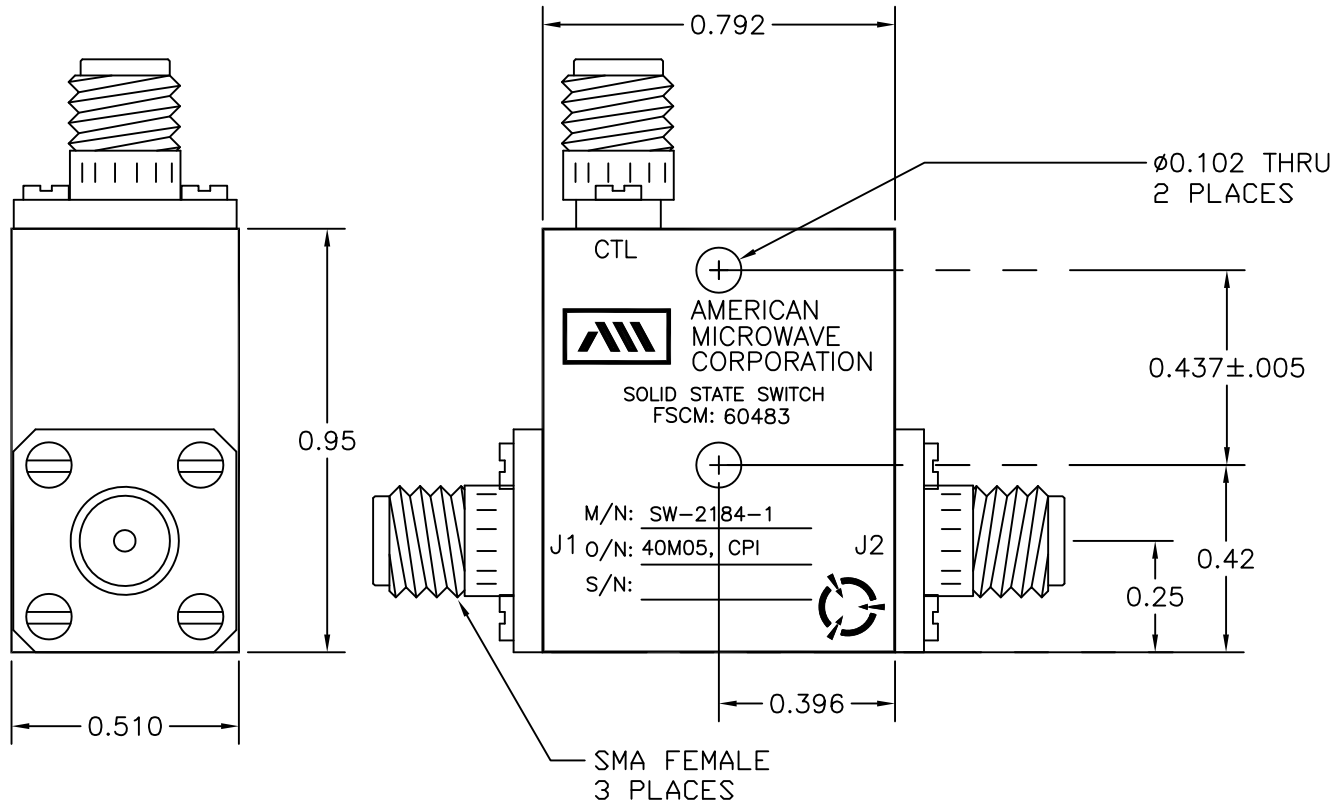
**SPECIFICATIONS:**

- FREQUENCY: ..... 40MHz – 500MHz
- INSERTION LOSS: ..... 2.5dB MAXIMUM
- ISOLATION: ..... 60dB MINIMUM
- VSWR: ..... REFLECTIVE IN/OUT: 1.4:1 MAXIMUM
- SPEED: ..... RISE TIME: 300ns MAXIMUM  
FALL TIME: 300ns MAXIMUM
- POWER INPUT: ..... (CW)+20dBm MAXIMUM
- SURVIVAL POWER: ..... 1 WATT CW, 10 WATTS PEAK 1 usec
- CONTROL: ..... LOGIC “-5V” = ON  
40mA FOR BIAS CURRENT = “OFF”

M/N = MANUFACTURER PART NUMBER  
O/N = OPTION NUMBER  
S/N = SERIAL NUMBER  
P/N = PART NUMBER

**OPTIONS:**

- 40M05 ..... 40MHz – 500MHz FREQUENCY RANGE
- CPI ..... SPECIAL FOR CPI




**ENVIRONMENTAL RATINGS:**

- TEMPERATURE: ..... -65°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

ALL DIMENSIONS ARE IN INCHES  
TOLERANCES:  
X.XX ±0.01  
X.XXX ±0.005

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.

APPROVALS		DATE	 AMERICAN MICROWAVE CORPORATION FREDERICK, MARYLAND		
DRAWN <i>K JPMMS</i>		1/30/14	TITLE PRODUCT FEATURE SW-2184-1 OPTION 40M05, CPI		
ENG <i>RA</i>		1/30/14			
QAE <i>K JPMMS</i>		1/30/14	SIZE A	FSCM NO. 60483	DWG NO. 100-8510
			SCALE N/S		REV. A
				SHEET	1 OF 1