

DESCRIPTION

THE PMI MODEL AGTM-2000-90 IS AN ULTRA LOW VIDEO TRANSIENT, HIGH SPEED VOLTAGE VARIABLE, MATCHED, MMIC ATTENUATOR OPERATING FROM DC TO 2.4 GHz. THIS MODEL HAS 75 dB OF DYNAMIC RANGE AND A SWITCHING SPEED OF 50 ns.

SPECIFICATIONS

- FREQUENCY RANGE: DC TO 2.4 GHz
- INSERTION LOSS: 5.0 dB MAX (25°C)
5.25 dB MAX (-40°C TO +85°C)
- VSWR: 2.0:1 MAX (INSERTION LOSS SETTING)
3.2:1 MAX (OVER ALL CONTROL VOLTAGES)
- ATTENUATION/ISOLATION: 75 dB TYP
- SWITCHING SPEED: RISE - 20 ns MAX 12 ns TYP
FALL - 20 ns MAX 16 ns TYP
ON - 50 ns MAX 22 ns TYP
OFF - 50 ns MAX 26 ns TYP
- VIDEO TRANSIENTS ≤20 mV P-P IN 300 MHz BANDWIDTH
- CONTROL 0 TO +3.5 VOLTS (NON-LINEAR)
- RF POWER +20 dBm OPERATING, +27 dBm SURVIVAL
- POWER SUPPLY
 - +V: +15V @ 50mA MAX
 - V: -15V @ 100mA MAX
- SIZE: 1.50" x 1.50" x 0.40"
- WEIGHT: ≤2.0 OZ.
- FINISH: PAINTED BLUE

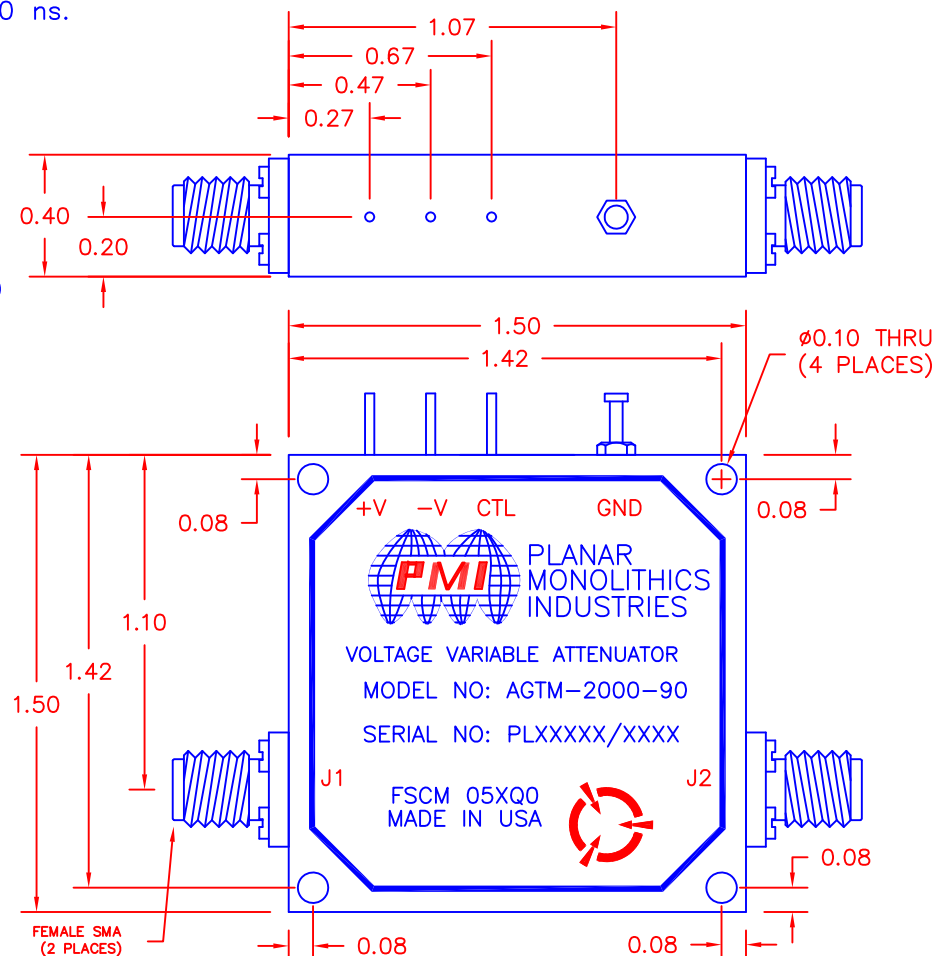
ENVIRONMENTAL RATINGS

- 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

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

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	2/23/21	
	A2	ECN# 21-0180	11/12/21	



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APPROVALS		DATE		TITLE	
DRAWN		2/23/21		PRODUCT FEATURE	
CHECKED				AGTM-2000-90	
ISSUED					
SIZE		FSCM NO.		DWG NO.	
A		05XQ0		27040680	
SCALE		N:S		SHEET	
				1 OF 1	