

DESCRIPTION

PMI MODEL NO. ATN-30-100M18G-USB IS A STATE-OF-THE-ART ATTENUATOR THAT OPERATES FROM 100MHz TO 18GHz. THIS ATTENUATOR IS CONTROLLED AND POWERED VIA USB 2.0. THIS MODEL OFFERS 30dB OF ATTENUATION IN 1dB STEPS. THE INSERTION LOSS IS TYPICALLY 5dB. THE PACKAGE SIZE IS 2.25" X 1.0" X 0.33."

SPECIFICATIONS

- FREQUENCY: _____ 0.1 TO 18.0 GHz
- ATTENUATION RANGE: _____ 30dB
- INSERTION LOSS: _____ 5.0dB TYP.
- VSWR IN / OUT: _____ 2.5:1 TYP.
- ATTENUATION ACCURACY: _____ ±2.5dB TYP.
- ATTENUATION STEP SIZE: _____ 1dB
- DC SUPPLY AND CONTROL: _____ USB 2.0
- CONNECTORS: _____ SMA (F)
- FINISH: _____ GRAY EPOXY POLIMIDE COATING IAW MIL-C-22750, TYPE I OVER EPOXY POLIMIDE PRIMER IAW MIL-P-23377, TYPE I, CLASS 1 OR 3.
- SIZE: _____ (L) 2.25" X (W) 1.00" X (H) 0.33"
- DRIVERLESS INSTALLATION: _____ SIMPLY RUN THE PMI PROVIDED APPLICATION FROM ANY WINDOWS COMPUTER.
*TESTED FOR COMPATIBILITY ON WINDOWS XP AND WINDOWS 7.
- NO EXTERNAL POWER SUPPLIES: _____ POWERED THROUGH USB

ENVIRONMENTAL RATINGS

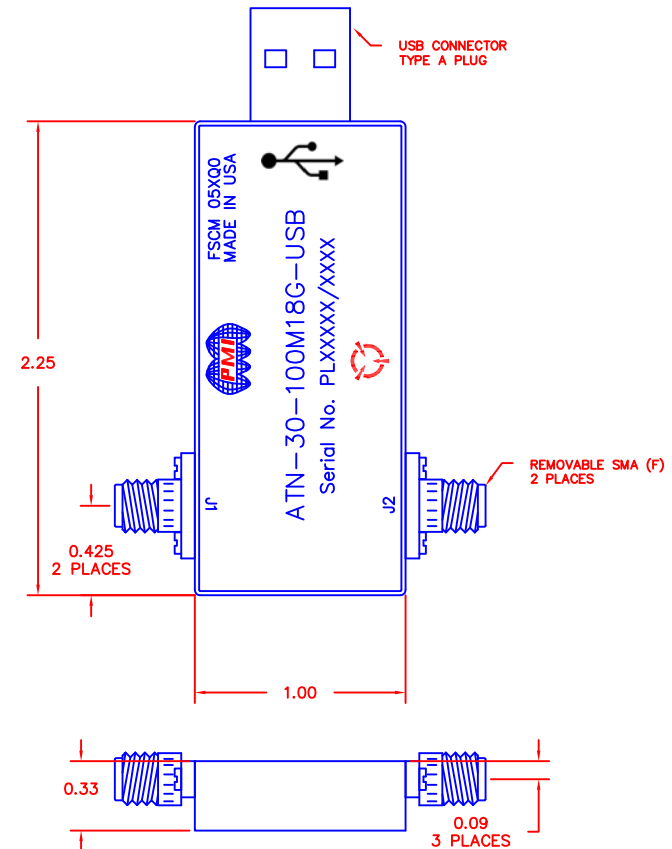
- TEMPERATURE: _____ -40°C TO + 85°C OPERATING
-55°C TO +125°C NON-OPERATING

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

NOTE: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	ORIGINAL RELEASE	6/25/14	
	A1	ECN # 14-0206	12/16/14	

MECHANICAL OUTLINE



PMI CONFIDENTIAL AND PROPRIETARY

PLANAR MONOLITHICS INDUSTRIES, INC.

7311-F GROVE ROAD
FREDERICK, MARYLAND 21704 USA
TEL: 301-662-5019 FAX: 301-662-1731
WEBSITE: www.pmi-rf.com
E-MAIL: sales@pmi-rf.com
ISO 9001 CERTIFIED



APPROVALS		DATE	TITLE		
DRAWN	VR	6/25/14	OUTLINE DRAWING ATN-30-100M18G-USB		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	27022502
			SCALE	N: S	SHEET 1 OF 1
			REV.	A1	