

DESCRIPTION

PMI MODEL NUMBER GBA-1D0G26D0G-27D0-5D0-12-SFF IS A WIDE BAND AMPLIFIER(1-26 GHz), 12 VOLT DC SUPPLY(200 mA MAX), FLAT GAIN, HIGH GAIN (27 dB), AND HIGH LINEARITY.

SPECIFICATIONS @ 23°C

- FREQUENCY:----- 1.0 GHz to 26.0 GHz
- GAIN:----- 26 dB MIN, 28 dB MAX
- GAIN FLATNESS:----- ± 2 dB MAX
- NOISE FIGURE:----- 3.6 dB MAX
- VSWR OUT:----- 2.5:1 MAX
- VSWR IN:----- 2.5:1 MAX
- P1dB:----- 5 dBm MIN
- POWER SUPPLY:----- +12 V, 200 mA MAX
- CONNECTORS:----- SMA FEMALE
- AMPLIFIER UNCONDITIONALLY STABLE:----- OPEN/SHORT/LOAD
- FINISH:----- GOLD PLATED
- SIZE:----- 1.08 X 0.71 X 0.29
WITHOUT
CONNECTORS

ENVIRONMENTAL RATINGS

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

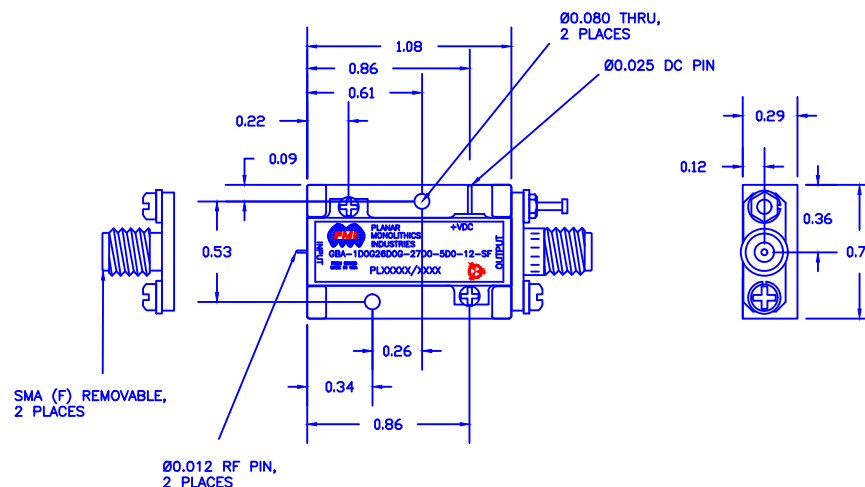
PMI CONFIDENTIAL AND PROPRIETARY

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

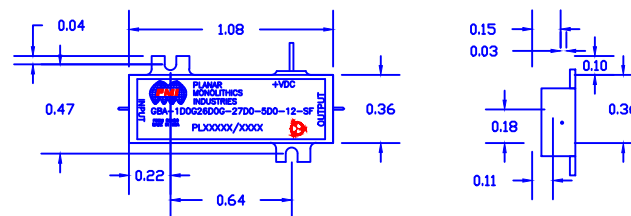
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	10/27/15	LJP

HOUSING WITH CARRIER

MECHANICAL OUTLINE



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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ISO 9001 CERTIFIED



APPROVALS		DATE		TITLE	
DRAWN LJP		10/27/15		GBA-1D0G26D0G-27D0-5D0-12-SF	
CHECKED				1.0 TO 26.0 GHz AMPLIFIER	
ISSUED					
SIZE A		FSCM NO. 05XQ0		DWG NO. PRELIMINARY	
SCALE N:S				SHEET 1 OF 1	