

DESCRIPTION

PMI MODEL NUMBER GBA-18D0G40D0G-28D0-5D0-12-KFF IS A WIDE BAND AMPLIFIER(18-40 GHz), 12 VOLT DC SUPPLY(200 mA MAX), FLAT GAIN, HIGH GAIN (28 dB), AND HIGH LINEARITY.

SPECIFICATIONS @ 23°C

- FREQUENCY:----- 18 GHz to 40 GHz
- GAIN:----- 28 dB MIN
- GAIN FLATNESS:----- ± 3 dB MAX
- NOISE FIGURE:----- 5.0 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:----- K FEMALE
- AMPLIFIER UNCONDITIONALLY STABLE:----- OPEN/SHORT/LOAD
- FINISH:----- GOLD PLATED
- SIZE:----- 1.08 x 0.71 x 0.29

ENVIRONMENTAL RATINGS

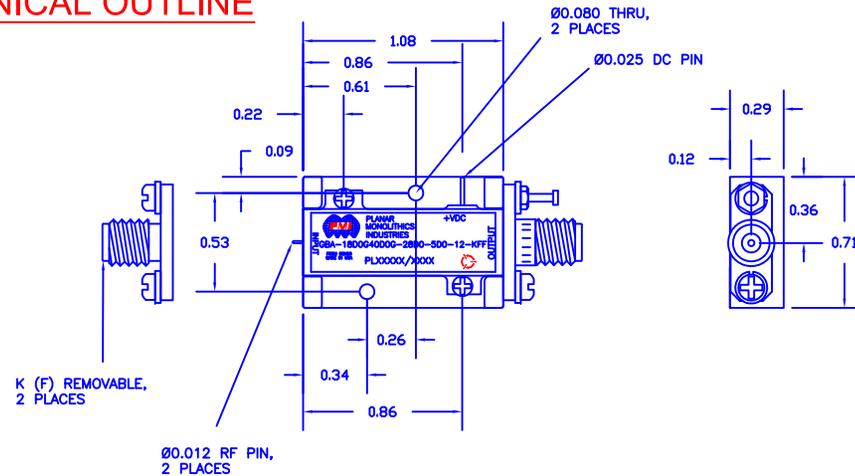
- TEMPERATURE: -40 °C TO +85 °C (OPERATING)
-55 °C TO +125 °C (NON-OPERATING)
- HUMIDITY: MIL-STD-202F, METHOD 103B COND. B
- SHOCK: MIL-STD-202F, METHOD 213B COND. B
- VIBRATION: MIL-STD-202F, METHOD 204D COND. B
- ALTITUDE: MIL-STD-202F, METHOD 105C COND. B
- TEMPERATURE CYCLE: MIL-STD-202F, METHOD 107D COND. A

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

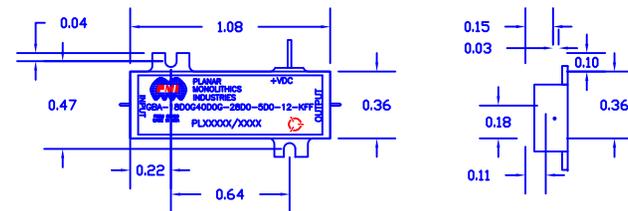
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	1	PRELIMINARY	10/16/15	LGJ

HOUSING WITH CARRIER

MECHANICAL OUTLINE



HOUSING WITHOUT CARRIER (SURFACE MOUNT)



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ISO 9001 CERTIFIED



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

PMI CONFIDENTIAL AND PROPRIETARY

APPROVALS		DATE	TITLE		
DRAWN LGJ		10/16/15	GBA-18D0G40D0G-28D0-5D0-12-KFF 18 TO 40 GHz AMPLIFIER		
CHECKED			SIZE	FSCM NO.	DWG NO.
ISSUED			A	05XQ0	PRELIMINARY
			SCALE	N:S	SHEET 1 OF 1
			REV.	1	