

Description:

PMI Model Number PE2-20-2G18G-6D5-SFF is a 2 to 18 GHz low noise amplifier. This amplifier is supplied in our standard PE2 housing that can be used as a SMA connectorized or a surface mount component.

Specifications:

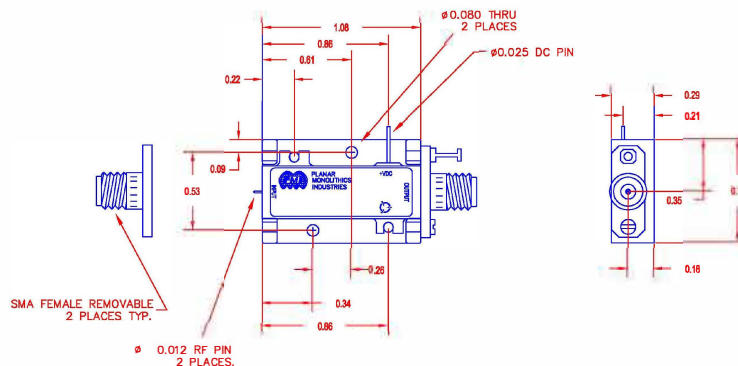
Frequency Range: 2 to 18 GHz
Gain: 20 dB Typ
Noise Figure: 6.5 dB Max
4 dB Typ
OP1dB: +2 6 dBm Typ
DC Current Draw: 850mA Iq
Input Power: +20 dBm Max
Finish: Gold Plated
RF Connectors: SMA (F)

Environmental Ratings:

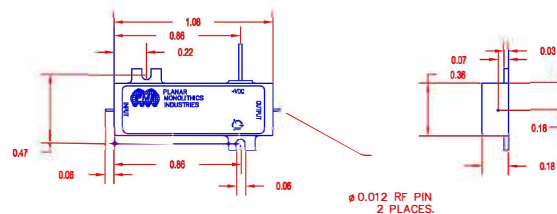
Temperature: -55 to +85 Deg. C (Operating)
-65 to +125 Deg. C (Storage)
Humidity: MIL-STD-202, METHOD 103B COND B.
Shock: MIL-STD-202, METHOD 213B COND B.
Altitude: MIL-STD-202, METHOD 105C COND B.
Temperature
Cycle: MIL-STD-202, METHOD 107D COND A

Note: The above specifications are subject to change or revision.

PE2 HOUSING WITH CARRIER



PE2 HOUSING WITHOUT CARRIER (SURFACE MOUNT)



UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS DECIMALS ANGLES
± .XX ± 0.010 ±
.XXX ± 0.005

MATERIAL: 6061-T6 Aluminum		FINISH: GOLD PLATED		DO NOT SCALE DRAWING	
APPROVALS: DATE: 2/3/5		DATE: 2/3/5		DATE: 2/3/5	
TITLE: PE2 Series Amplifier PE2-20-2G18G-6D5-SFF		SCALE: N/A		SHEET: 1 OF 1	