

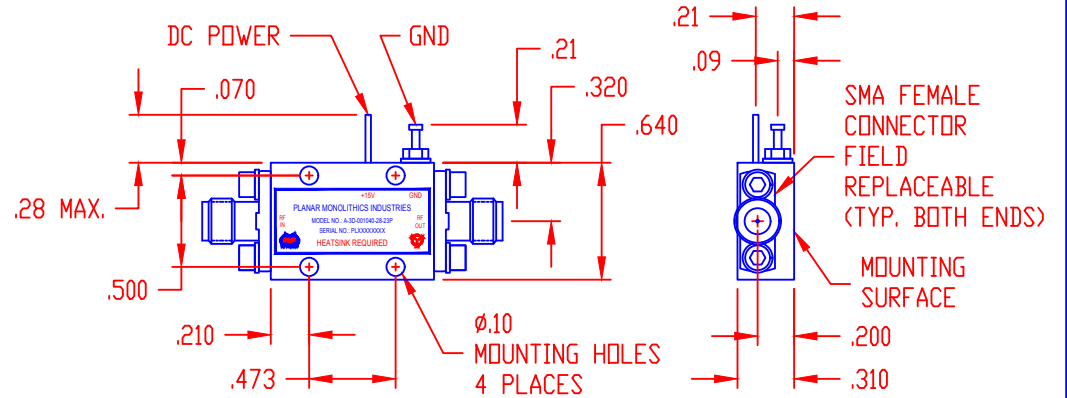
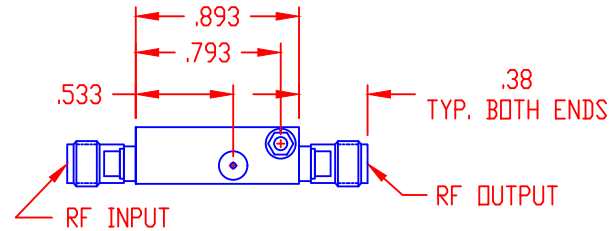
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A1	ORIGINAL RELEASE	02/09/17	HAF JAY

DESCRIPTION:

PMI Model A-4D-005100-43-27P is an ultra wide bandwidth medium power low noise amplifier. It is unconditionally stable over operating temperature. The amplifier is DC voltage regulated and reverse voltage polarity protected internally.

SPECIFICATIONS AT +23 °C UNLESS OTHERWISE INDICATED:

- Frequency Range: 0.5 to 10.0 GHz
- Gain: 32 dB min.
- Pass Band Flatness: ±1.5 dB max. peak to peak
- Noise Figure: 4.3 dB max.
- VSWR In: 2.0 : 1 max.
- VSWR Out: 2.0 : 1 max.
- P1dB Out: 27.0 dBm min.
- DC Power Supply: +15 VDC @ 600 mA nominal
- Connectors (In/Out): SMA female, field replaceable
- Finish: Gold plated



MECHANICAL OUTLINE

ENVIRONMENTAL RATINGS

- **TEMPERATURE:** -55°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

NOTES: 1: SPECIFICATIONS WILL VARY OVER OPERATING TEMPERATURE
2: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN INCHES
TOLERANCES:

X.XX ±0.01
X.XXX ±0.005

PMI CONFIDENTIAL AND PROPRIETARY

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APPROVALS		DATE	TITLE		
DRAWN HAF JAY		02.09.17	PRODUCT FEATURE		
CHECKED			A-4D-005100-43-27P		
ISSUED	SIZE	FSCM NO.	DWG NO.	REV.	
	A	05XQ0	D2-4A	A1	
	SCALE	N:S	SHEET	1 OF 1	