

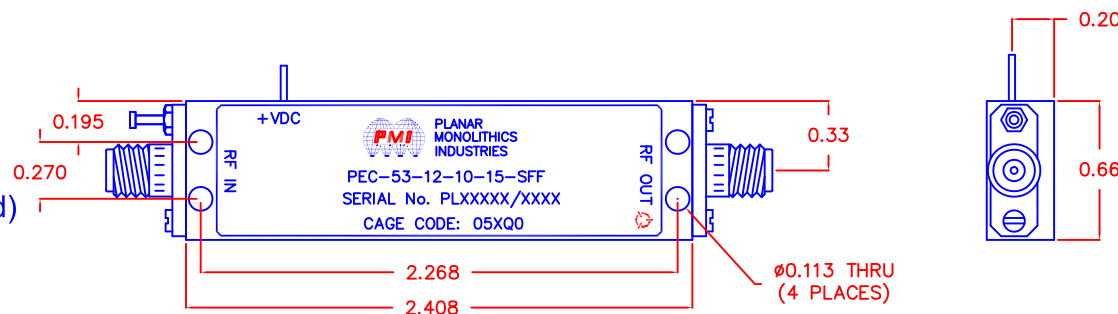
Model Number PEC-53-12-10-15-SFF is a 1.0 GHz to 2.0GHz low noise amplifier. This amplifier has a minimum gain of 53dB with +/-0.75 dB flatness, OP1dB of +5dBm minimum and a Noise Figure of 3.5dB maximum.

Specifications:

Frequency:..... 1.0 GHz to 2.0 GHz
Gain:..... 53 dB Minimum
Gain Flatness:..... ± 0.75 dB Maximum
Noise Figure: 3.5 dB Maximum
OP1dB:..... +5 dBm Minimum
VSWR In/Out:..... 1.5:1 Maximum
Connectors:..... SMA(F)
DC Current:..... 450mA Maximum
DC Voltage: +12 to +15 VDC Nominal
Finish:..... Painted Blue (Mounting Surface Unpainted)

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	—	PRELIMINARY (—QF)	5/13/15	
	1	ORIGINAL RELEASE	11/18/15	
	A1	ECN # 16-0028	2/10/16	

Technical drawing of a shaft. The shaft has a central section with a diameter of 0.19 and a total length of 0.465. The ends of the shaft are threaded.



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

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

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

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



		TITLE		PRODUCT FEATURE	
APPROVALS	DATE	PEC-53-12-10-15-SFF			
DRAWN <i>K. MASON</i>	<i>5/19/15</i>	1.0 GHz TO 2.0GHz LOW NOISE AMPLIFIER			
CHECKED		SIZE A	FSCM NO. 05XQ0	DWG NO. 27002420	REV A1
ISSUED		SCALE N:S		SHEET 1 OF 1	