

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ORIGINAL RELEASE	1/6/04	
	B	Added PIN OUT Desc.	10/22/04	

Specifications:

Frequency: 7.0-9.0 GHz
 Gain: 70dB Minimum
 Gain Flatness: +/-1.5dB Maximum
 Noise Figure: 2.0dB Maximum
 VSWR In/Out: 2.0:1 Maximum
 DC Current: 320mA@+12VDC Maximum (Amplifier "ON")
 120mA@+12VDC Maximum (Amplifier "OFF")
 Switching Speed: 200ns to 2 Seconds (50ns Resolution)
 On/Off Isolation: (Amplifier "ON") 50dB Minimum
 (Amplifier "OFF") 100dB Minimum
 Programming Interface: USB (Other Serial Protocols Available)

PIN OUT (PWR, GND) - J4

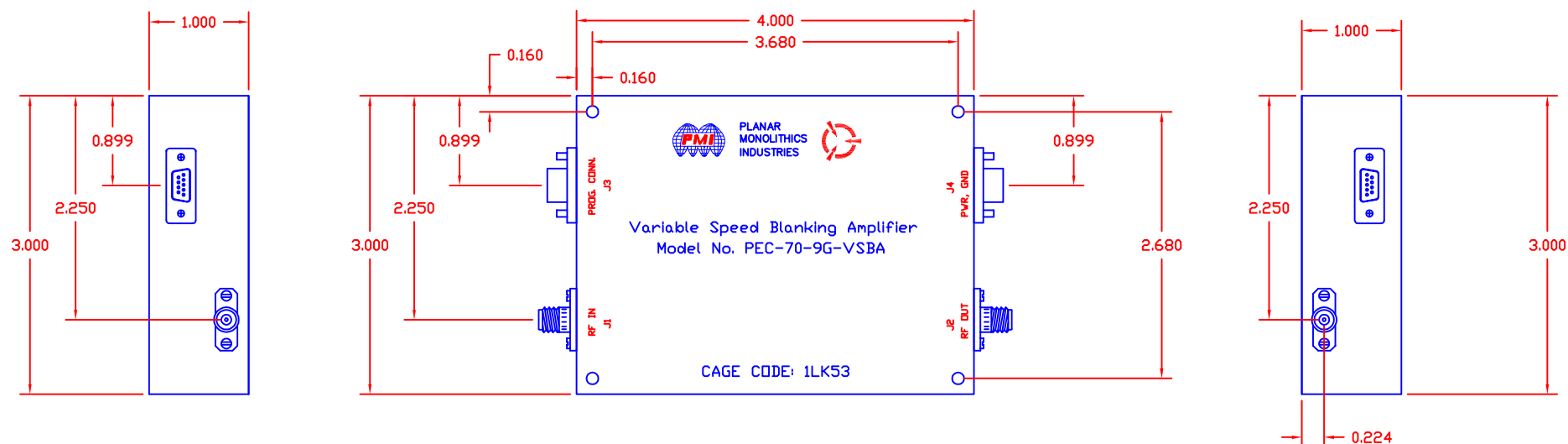
PIN No.	Function
1	NC
2	NC
3	NC
4	NC
5	NC
6	NC
7	GND
8	NC
9	+12VDC

Sub D Male 9 Pin

PIN OUT (PROG. CONN) - J3

PIN No.	Function
1	NC
2	TXD
3	RXD
4	NC
5	GND
6	NC
7	NC
8	NC
9	NC

Sub D Male 9 Pin



Units are hermetically sealed to withstand common military environmental conditions.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES X .0005 X .002 X .0005		PART NO.	PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND	
MATERIAL:	APPROVALS:	DATE:	TITLE: Product Feature PEC-70-9G-VSBA	
FINISH:	DRAWN:	1/6/04	SIZE:	FROM NO.:
REWORK:	CHECKED:		SCALE:	DWG NO.:
REVISION:	USED ON:		N/S	27002681
APPLICATION:	DO NOT SCALE DRAWING			REV. B
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