

MODEL NUMBER: PEC-27-30M500M-3R0-25-15-SFF

SPECIFICATIONS:

Operating Frequency: 30 to 500MHz

Gain: 27dB

Gain Flatness: ± 1.0 dB Max.

Noise Figure: 3.0dB Max.

OP1dB: +25dBm Min.

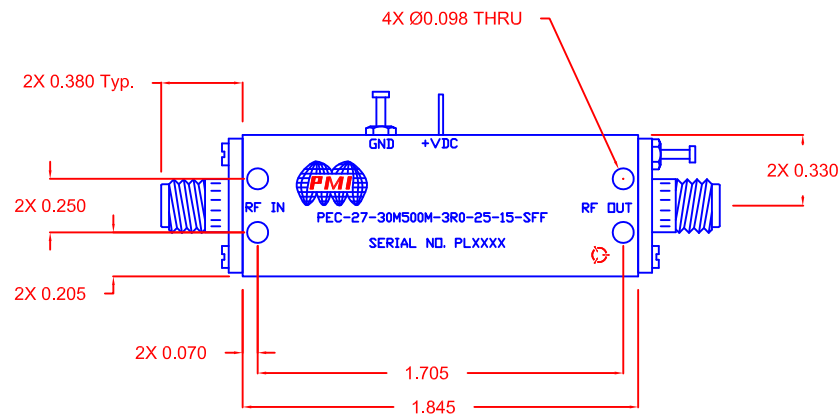
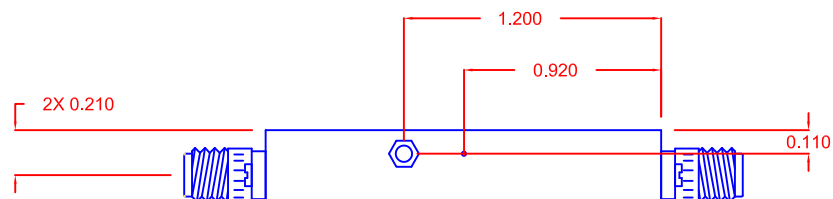
OIP2: +55dBm Min.

OIP3: +45dBm Min.

VSWR In/Out: 2.0:1 Max.

Operating Voltage: +12 to +15VDC

Hermetically Sealed
Airborne Application



ENVIRONMENTAL RATINGS:

- TEMPERATURE: -30°C TO +55°C (OPERATING)
-65°C TO +125°C (STORAGE)
- ALL OTHER ENVIRONMENTAL SPECIFICATIONS ARE LISTED IN ATTACHED APPENDIX A.
- ALL UNITS WILL BE DESIGNED TO MEET ALL LISTED ENVIRONMENTAL CONDITIONS.

NOTE: THE ABOVE SPECIFICATIONS ARE SUBJECT TO CHANGE OR REVISION

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	A	ORIGINAL RELEASE	11/1/05
	B	Changed IC Pin height to be in-line with ground lug	1/15/06

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 2 0.010 1 0.010 0.010 0.010				PART NO.	
MATERIAL: ALUMINUM ALLOY 6061-T6				APPROVALS	DATE
FINISH: 50 u in MIN GOLD PLATE OVER COPPER FLASH, NICKEL FLASH, MIL. Q. 45204 TYPE 2				DESIGN JCM	11/1/05
NEXT ASSY USED ON				CHECKED	
APPLICATION				REVIEW	
DO NOT SCALE DRAWING					
PLANAR MONOLITHICS INDUSTRIES 7311-F GROVE RD FREDERICK, MARYLAND				TITLE PEC-27-30M500M-3R0-25-15-SFF Outline Drawing	
SIZE FROM NO. B		REV NO. 27005181B		REV. B	
SCALE N/S		SHEET 1 OF 1			