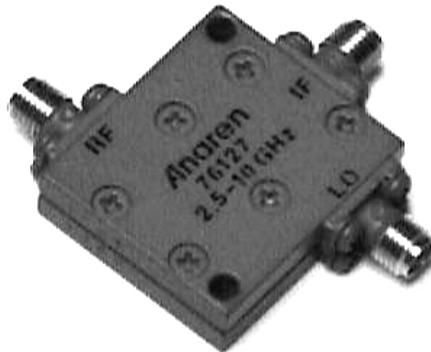


Mixers

Double Balanced

Applications

- Wideband Down Converters
- Wideband Up Converters
- Balanced Modulators
- Bi-Phase Modulators
- Phase Detectors



Features

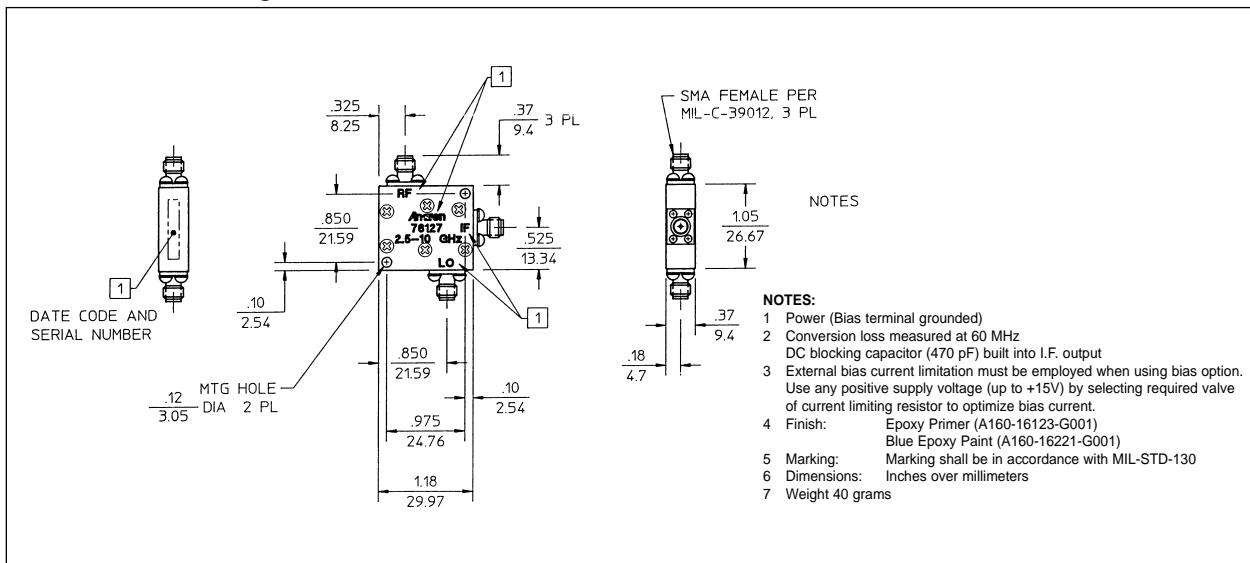
- Extremely Wide IF Bandwidth
- Excellent LO/RF Isolation
- Multi-Octave Performance
- Excellent Intercept Point
- Miniature Size
- Connectors Per MIL-C-39012

Electrical Specifications

Frequency GHz	Isolation dB Min/Typ	Convers. Loss dB Max/Typ	VSWR, RF Typ : 1
2.5 - 10.0	28/40	9.0/7.0	4
IF Freq. ¹ MHz	RF Power ² Input dBm	LO Power dBm Nominal	
Dc-1500	+10	+18	

Notes: Impedance: 50 ohms nominal. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications. 1) Upper IF frequency is the -3 dB response point. 2) At 1dB Compression point **Electrical and Mechanical Specifications subject to change without notice.**

Outline Drawing



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