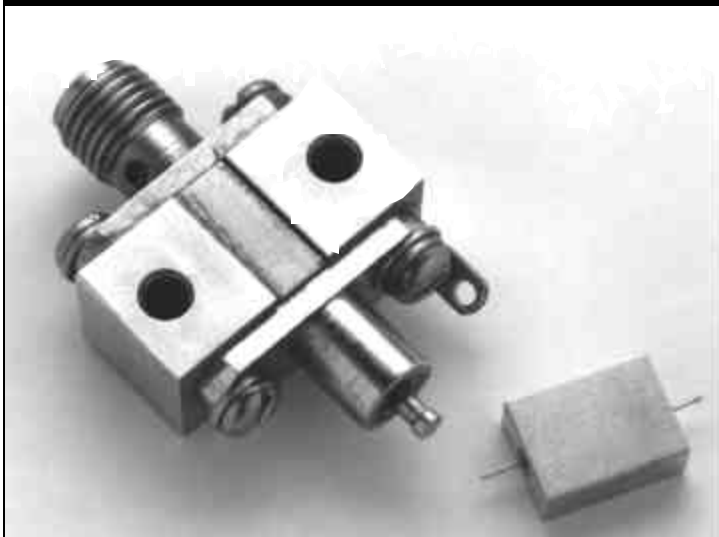


# SMALL HERMETIC HYBRID NOISE SOURCES



## SURFACE MOUNT OUTPUT CHARACTERISTICS

MODEL*	FREQUENCY	NOISE OUTPUT LEVEL		
		RF OUTPUT (dB)	FLATNESS (dB)	VSWR
5100	.01-18GHz	25	±1.5 dB	2.1:1
5101	.5-4GHz	25	±1.0 dB	1.5:1
5102	1-18GHz	25	±1.0 dB	1.7:1

\* For SMA connectorized package add "C" to Model No.

reference style code W, X for packaging dimensions

## DESCRIPTION

Hermetic Hybrid Noise Sources are the smallest and the most versatile of all the Calibrated Noise Standard products. Designed for use in commercial and industrial RF and baseband systems, the surface mount standard's small size and rugged design makes it ideal for use in highly integrated assemblies where space is at a minimum and high reliability is a must. Available with or without connectors.

## SPECIFICATIONS

- Operating Temperature: -55 to +125°C
- Storage Temperature: -65 to +150°C
- Supply Voltage: +15 VDC
- Temperature Stability: .01 dB/°C
- Output Impedance: 50 ohm
- Peak Factor: 5:1

## APPLICATIONS

- Wireless communication transceivers
- Airborne systems
- Electronic Warfare (EW) and Electronic Counter-measure (ECM) systems
- Satellite systems