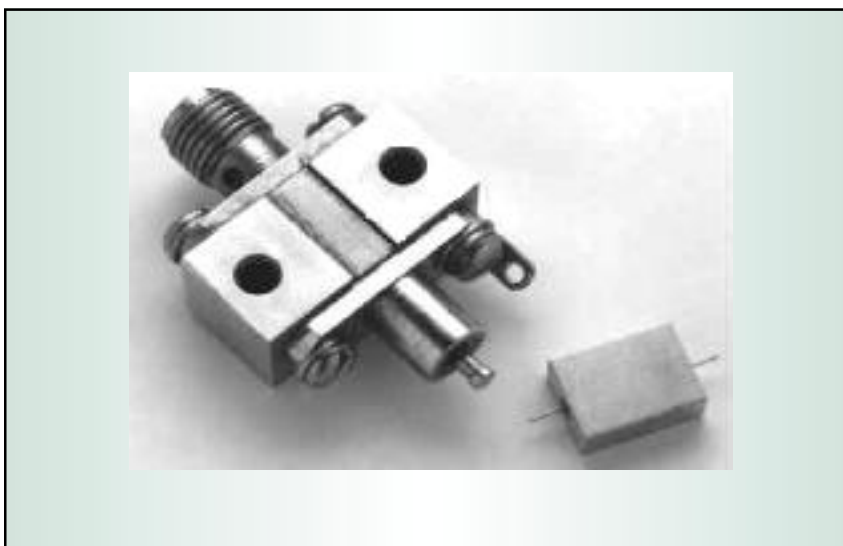


SMALL HERMETIC HYBRID NOISE SOURCES



NS5100 SURFACE MOUNT OUTPUT CHARACTERISTICS

MODEL	FREQUENCY	NOISE OUTPUT LEVEL		
		RF Output (dB)	Flatness (dB)	VSWR
NS5100	0.01 to 18 GHz	25	+/- 1.5 dB	2.1:1
NS5101	0.5 to 4 GHz	25	+/- 1.0 dB	1.5:1
NS5102	1 to 18 GHz	25	+/- 1.0 dB	1.7:1

HOW TO ORDER:

NSXXXX-XXX

Model:

(see chart above)

Voltage:

A = +15 VDC

Connector Option:

1 = Feedthru PIN

2 = SMA (F)

Package Style:

W = (link to outline drawing)

X = (link to outline drawing)

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.

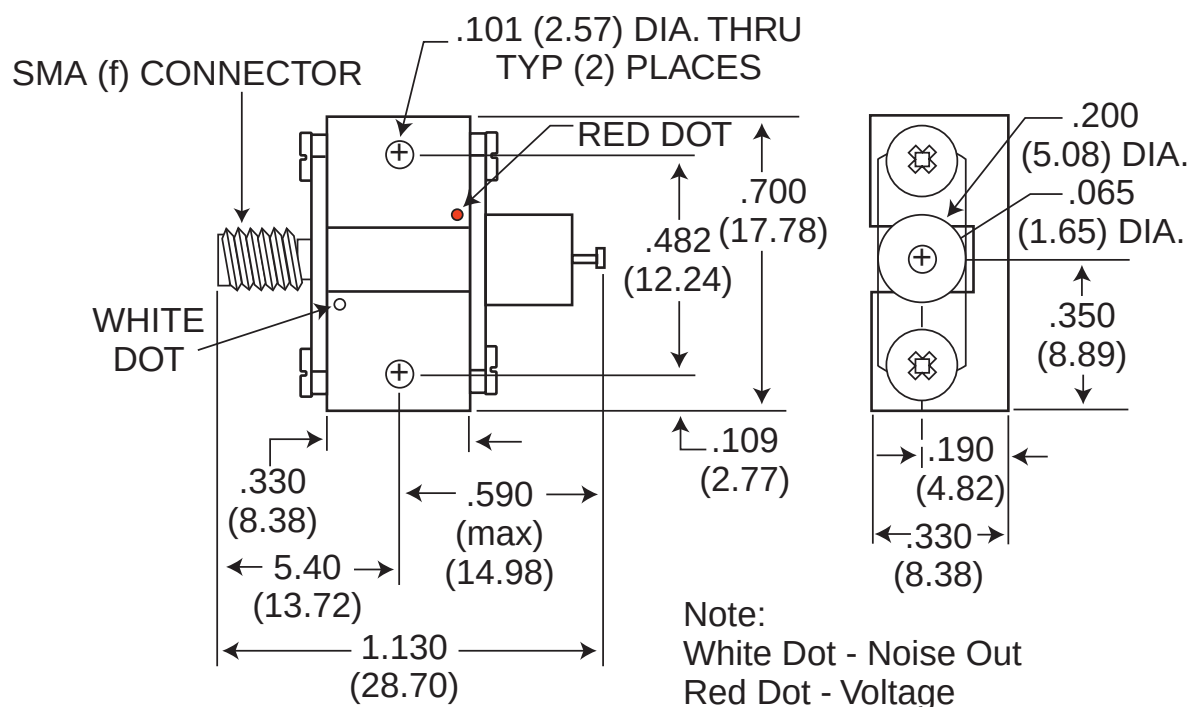
SPECIFICATIONS

- Operating Temperature: -55 to +125°C
- Storage Temperature: -65 to +150°C
- Supply Voltage: +15 VDC
- Temperature Stability: 0.01 dB/°C
- Output Impedance: 50 ohm
- Peak Factor: 5:1

APPLICATIONS

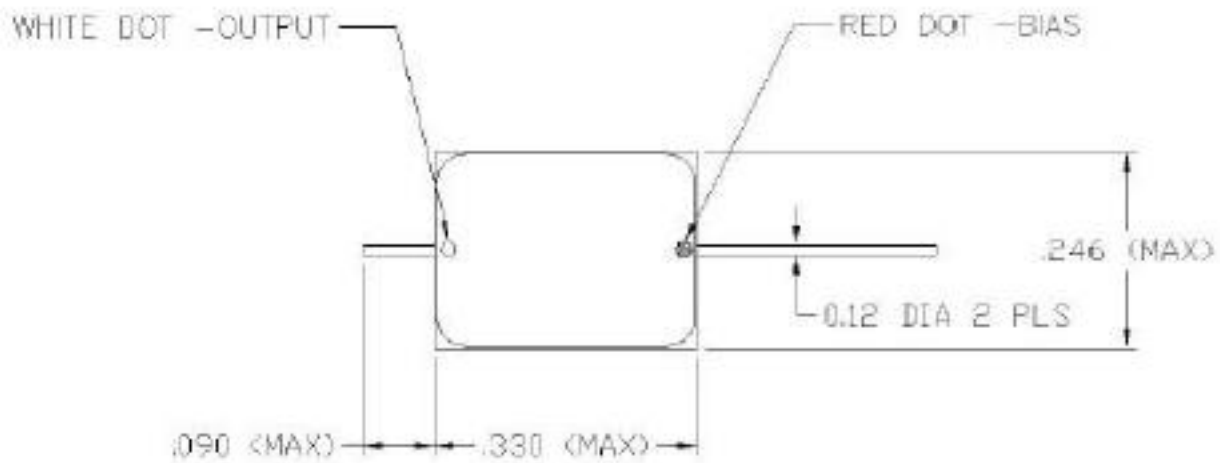
- Wireless communication transceivers
- Airborne systems
- Electronic Warfare (EW) and Electronic Counter-measure (ECM) systems
- Satellite systems

Noise Source - X Package Style



STYLE CODE X

Style Code W



STYLE CODE W