

1N53A POINT CONTACT COAXIAL MIXER DIODE

DESCRIPTION:

1N53A series are point contact mixer diodes specially designed for low noise performance. These diodes are used in stripline, coaxial and waveguide mixers.

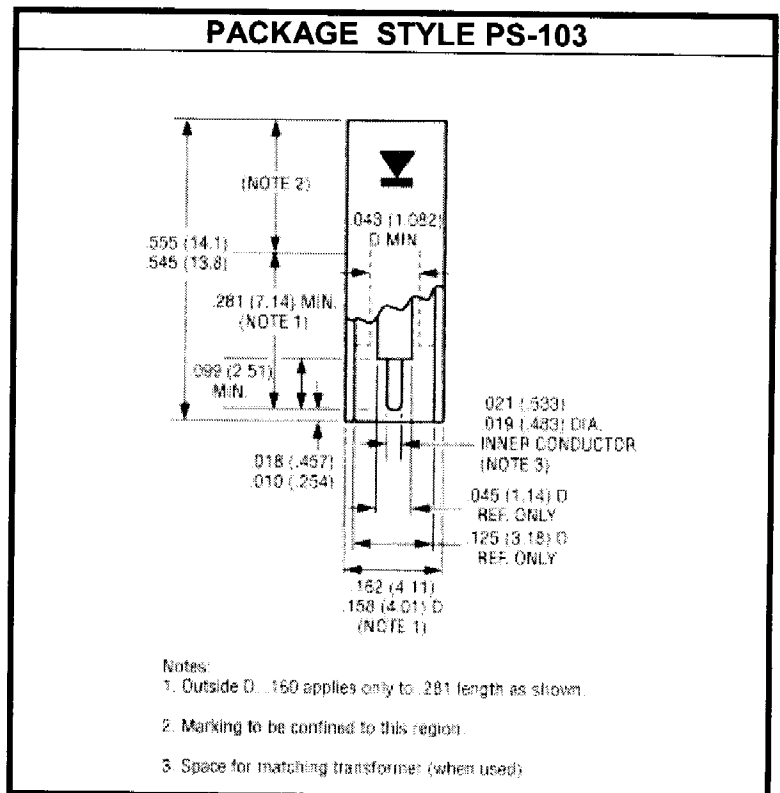
Applications Include:

High level mixers and detectors

- Low Noise Figure
- Mechanical Reliability
- Low 1/F Noise

Absolute Maximum Ratings:

Storage Temperature: -55°C to 150°C
 Operation Temperature: -65°C to 150°C



Package Style	NOISE FIGURE	SWR	IF IMPEDANCE
PS-103	35GHz LO=1.0 mW RI=100 Ohms Max (dB)	35GHz Max (Ratio)	35GHz LO=1.0 mW RI=100 Ohms Min/Max (Ohms)
	11.0	1.6	350-800

