NSVR201MX

Automotive Schottky Barrier Diode designed for compact and efficient designs. AEC−Q101 qualified Schottky Barrier Diode and PPAP capable suitable for automotive applications.

Features

- Small Interterminal Capacitance
- Less Parasitic Components
- Small Forward Voltage
- Small−sized Package
- Pb−Free, Halogen Free and RoHS Compliant
- AEC−Q101 Qualified and PPAP Capable

Typical Applications

- Microwave and Submilliwave Mixer
- Microwave and Submilliwave Detector

Specifications

Table 1. ABSOLUTE MAXIMUM RATINGS °

Parameter	Symbol	Value	Unit
		–	°

Table 2. ORDERING INFORMATION

Device	Marking	Package	Shipping
		–	

Table 3. ELECTRICAL CHARACTERISTICS °

Parameter	Symbol	Conditions	Value			Units
			Min	Typ	Max	
		µ				

Figure

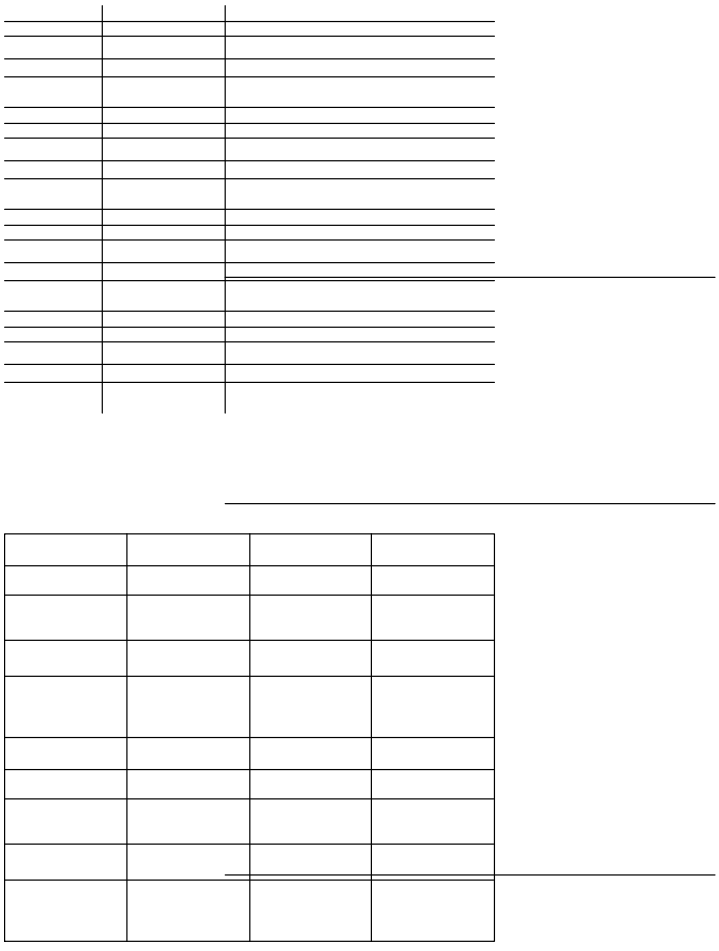

Figure 1.

Table 4. S PARAMETER Ω

Freq [GHz]	I = 0 mA		I = 0.02 mA		I = 0.05 mA		I = 0.1 mA		I = 0.2 mA		I = 0.5 mA	
	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG	MAG	ANG
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–
		–		–		–		–		–		–

X2DFN2 1.00x0.60x0.37, 0.65P