This Schottky Barrier Diode is designed for high frequency application. It can be used widely for power detector of C Band and Mixer of Ku Band etc. X2DFN2 package is suitable for compact and efficient designs.

Features

- Small Interterminal Capacitance
- Less Parasitic Components
- Small Forward Voltage
- Small−sized Package
- Pb−Free, Halogen Free and RoHS compliance

Typical Applications

- Microwave and Submilliwave Mixer
- Microwave and Submilliwave Power Detector

Specifications

Table 1. ABSOLUTE MAXIMUM RATINGS at T_A = 25°C

Parameter	Symbol	Value	Unit
Reverse Voltage	V_R	2	V
Forward Current	I_F	50	mA
Operating Junction and Storage Temperature	T_J, T_{stg}	−55 to +150	°C

Stresses

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Table 2. ORDERING INFORMATION

Device	Marking	Package	Shipping†
NSR201MXT5G	RF	X2DFN2 1.0 x 0.65 P (Pb−Free / Halogen Free)	8,000 / Tape & Real

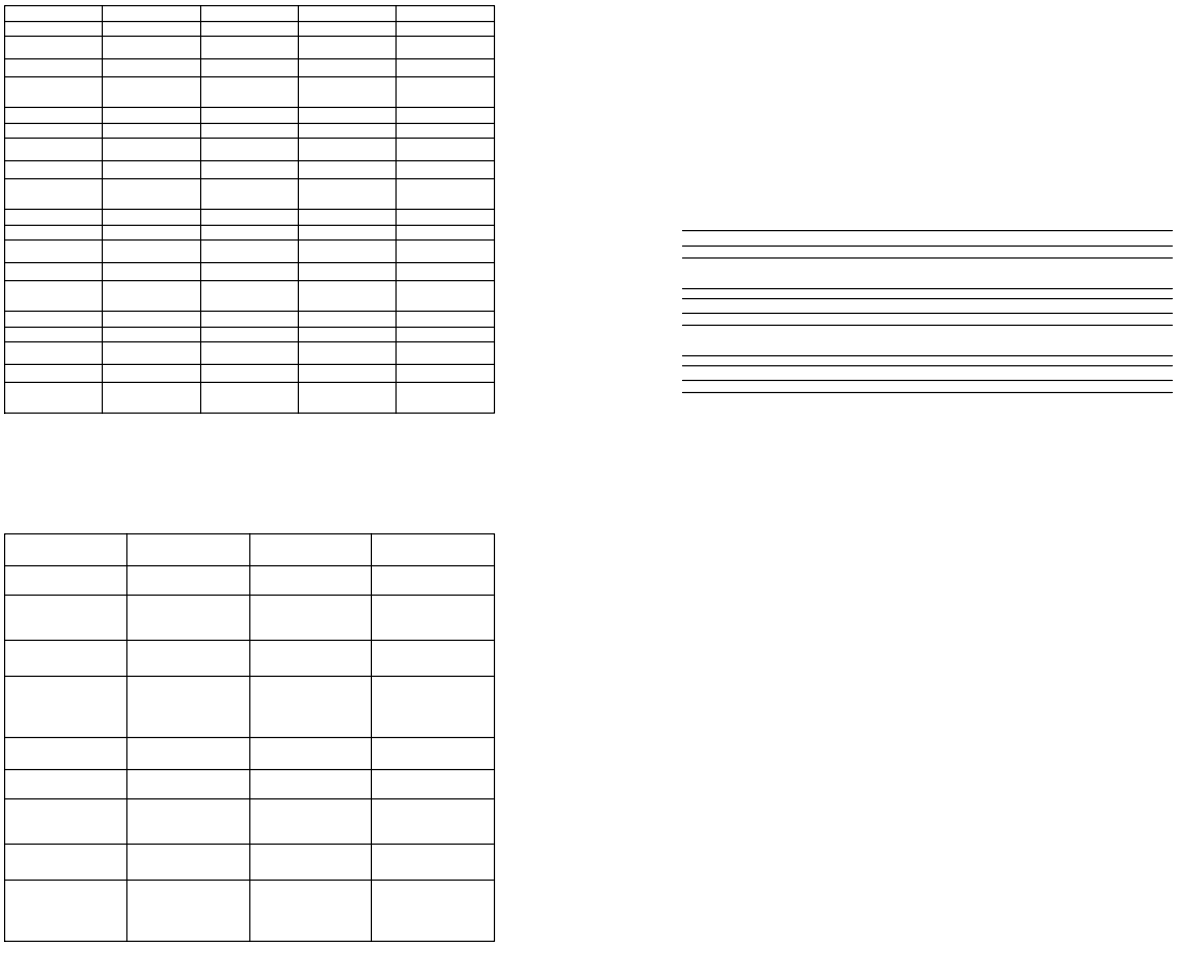
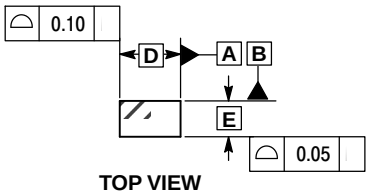


Figure 1.

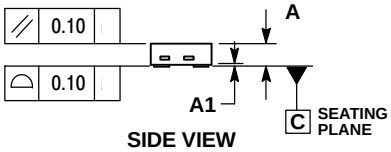
X2DFN2 1.0x0.6, 0.65P
CASE 714AB
ISSUE B

SCALE 8:1

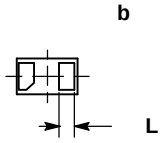
DATE 21 NOV 2017



TOP VIEW



SIDE VIEW



BOTTOM VIEW

NOTES:
1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M, 1994.
2. CONTROLLING DIMENSION: MILLIMETERS.
3. EXPOSED COPPER ALLOWED AS SHOWN.

DIM	MIN	NOM

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