

BAT50 Diodes

General Purpose UHF/MW Mixer Diode

Military/High-Rel N

V(RRM)(V) Rep.Pk.Rev. Voltage

BandX

Test Freq 9.4G

Frequency Min. (Hz)

Frequency Max. (Hz) 12G

V(FM) Max.(V) Forward Voltage

Ct{Cj} Nom. (F) Junction Cap.

NR Max. 1.1

Noise Figure Max. (dB) 6.8

Maximum Conversion Loss (dB) 4.4

I(RM) Max.(A) Reverse Current

Inp VSWR Max. 1.43

If Imped. Min 300

If Imped. Max. 500

Power In (test)

R(load) (Ohms) 15

Zm (test)

Burnout Abs Max. 200m

Semiconductor Material Silicon

Maximum Operating Temp (°C) 100'