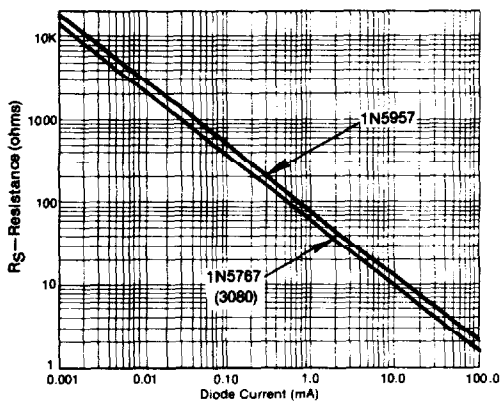
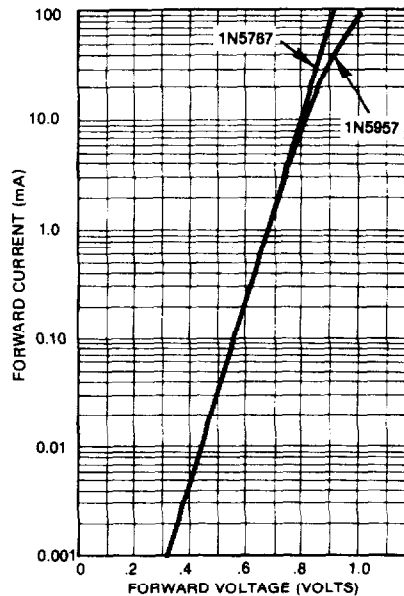
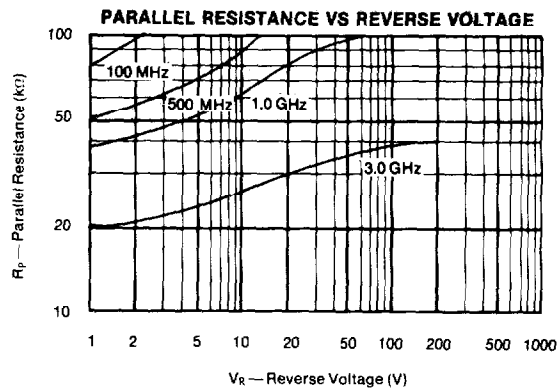
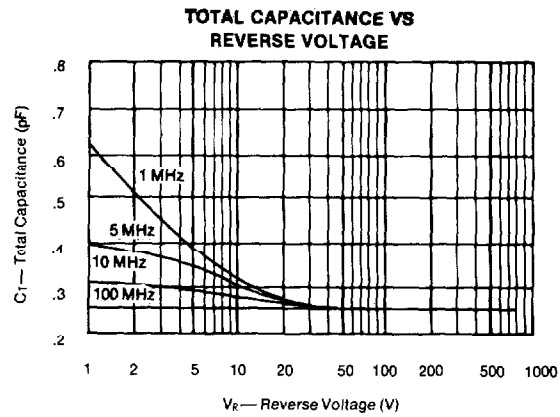


Electrical Specifications (25 °C)

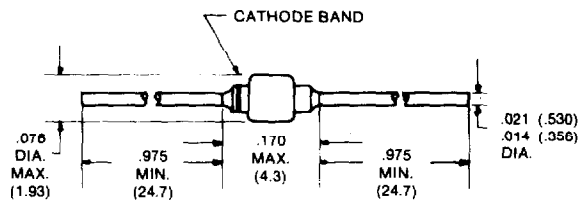
Test	Symbol	1N5767 (5082-3080)	1N5957	Conditions
Total Capacitance (Max)	C_T	0.4 pF	0.4 pF	50V, 1 MHz
Series Resistance	R_S	1000 Ω (min) 2000 Ω (typ)	1500 Ω (min) 3000 Ω (typ)	10 μ A, 100 MHz
Series Resistance	R_S	8 Ω (max) 4 Ω (typ)	8 Ω (max) 6 Ω (typ)	20 mA, 100 MHz
Series Resistance	R_S	2.5 Ω (max) 1.5 Ω (typ)	3.5 Ω (max) 2.0 Ω (typ)	100 mA, 100 MHz
Carrier Lifetime (Min)	τ	1.0 μ S	1.5(min) 2(typ)	$I_F = 10$ mA
Reverse Current (Max)	I_R	10 μ A	10 μ A	$V_R =$ Rating
Current for $R_S = 75\Omega$ (typ)	I_{75}	0.7 mA	0.8 mA - 1.2 mA	$R_S = 75\Omega$
Return Loss (typ)	—	30 dB	30 dB	Diode terminates 75 Ω line
Second Order Distortion (typ)	—	- 40 dB	- 50 dB	Bridged tee attenuator atten. = 10 dB
Third Order Distortion (typ)	—	- 60 dB	- 65 dB	$P_{in} = 50$ dBmV $f_1 = 10$ MHz, $f_2 = 13$ MHz

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RESISTANCE
VS FORWARD CURRENT
(TYPICAL)FORWARD VOLTAGE
VS FORWARD CURRENT
(TYPICAL)



MECHANICAL SPECIFICATIONS



Dimensions: Inches (Millimeters)