Package Characteristics

	Outline 15
Lead Material	Dumet
Lead Finish	95-5% Tin-Lead
Max. Soldering Temperature	260°C for 5 sec
Min. Lead Strength	4 pounds pull
Typical Package Inductance	
1N5711, 1N5712:	2.0 nH
2800 Series:	2.0 nH
2300 Series, 2900:	3.0 nH
Typical Package Capacitance	
1N5711, 1N5712:	0.2 pF
2800 Series:	0.2 pF
2300 Series, 2900:	0.07 pF

The leads on the Outline 15 package should be restricted so that the bend starts at least 1/16 inch from the glass body.

Outline 15 diodes are available on tape and reel. The tape and reel specification is patterned after RS-296-D.

Electrical Specifications at $T_A = 25°C$

General Purpose Diodes

Part Number	Package Outline	Min. Breakdown Voltage V_{BR} (V)	Max. Forward Voltage V_F (mV)	$V_F = 1$ V Max. at Forward Current I_F (mA)	Max. Reverse Leakage Current I_R (nA) at V_R (V)		Max. Capacitance C_T (pF)
5082-2800	15	70	410	15	200	50	2.0
1N5711	15	70	410	15	200	50	2.0
5082-2810	15	20	410	35	100	15	1.2
1N5712	15	20	550	35	150	16	1.2
5082-2811	15	15	410	20	100	8	1.2
5082-2835	15	8*	340	10*	100	1	1.0
Test Conditions		$I_R = 10\ \mu A$ *$I_R = 100\ \mu A$	$I_F = 1$ mA	*$V_F = 0.45$ V			$V_R = 0$ V f = 1.0 MHz

Note: Effective Carrier Lifetime (τ) for all these diodes is 100 ps maximum measured with Krakauer method at 5 mA except for 5082-2835 which is measured at 20 mA.