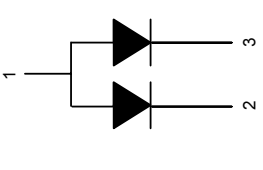
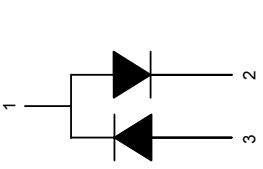
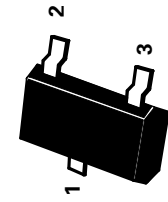


**SOT23 DUAL SCHOTTKY  
BARRIER DIODES**

ISSUE 3 - NOVEMBER 1995

**ZC2812E  
ZC2813E**

		
ZC2813E	ZC2812E	<b>SOT23</b>
Common Anode	Series	Device
13E	12E	Type
		Part Marking

**ABSOLUTE MAXIMUM RATINGS.**

PARAMETER	SYMBOL	VALUE	UNIT
Power Dissipation at $T_{amb} = 25^{\circ}\text{C}$	$P_{tot}$	330	mW
Operating and Storage Temperature Range	$T_j; T_{stg}$	-55 to +150	$^{\circ}\text{C}$

**ELECTRICAL CHARACTERISTICS (at  $T_{amb} = 25^{\circ}\text{C}$ ).**

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITIONS.
Breakdown Voltage	$V_{BR}$	15			V	$I_R = 10\mu\text{A}$
Reverse Leakage Current	$I_R$		100		nA	$V_R = 10\text{V}$
Forward Voltage	$V_F$		410		mV	$I_F = 1\text{mA}$
Forward Current	$I_F$	20			mA	$V_F = 1\text{V}$
Capacitance	$C_T$			1.2	pF	$V_R = 0\text{V}, f = 1\text{MHz}$
Effective Minority Lifetime (1)	$\tau$			100	ps	$f = 54\text{MHz}, I_{pk} = 20\text{mA}$

(1) Sample Test.  
For typical characteristics graphs see ZC2811E datasheet.

