

## DISCRETE COMPONENTS

PRODUCT	DESCRIPTION	PACKAGE	According to CECC 50000	According to ESA/SCC 5000
---------	-------------	---------	-------------------------	---------------------------

## ZENER DIODES

<b>BZX 55C2V7</b> to <b>BZX 55C3V0</b>	500 mW / $T_{amb} = 25^{\circ}\text{C}$ $T_j \text{ max} = 175^{\circ}\text{C}$ $V_F \leq 1.5 \text{ V}$ ( $T_{amb} = 25^{\circ}\text{C}$ , $I_F = 0.2 \text{ A}$ )	DO 35	■	
<b>BZX 55C3V3</b> to <b>BZX 55C91</b>	500 mW / $T_{amb} = 25^{\circ}\text{C}$ $T_j \text{ max} = 175^{\circ}\text{C}$ $V_F \leq 1.5 \text{ V}$ ( $T_{amb} = 25^{\circ}\text{C}$ , $I_F = 0.2 \text{ A}$ )	DO 35	■	■
<b>BZX 85C2V7</b> to <b>BZX 85C3V0</b>	1.3 W / $T_{amb} = 25^{\circ}\text{C}$ $T_j \text{ max} = 175^{\circ}\text{C}$ $V_F \leq 1 \text{ V}$ ( $T_{amb} = 25^{\circ}\text{C}$ , $I_F = 0.2 \text{ A}$ )	DO 41	■	
<b>BZX 85C3V3</b> to <b>BZX 85C62</b>	1.3 W / $T_{amb} = 25^{\circ}\text{C}$ $T_j \text{ max} = 175^{\circ}\text{C}$ $V_F \leq 1 \text{ V}$ ( $T_{amb} = 25^{\circ}\text{C}$ , $I_F = 0.2 \text{ A}$ )	DO 41	■	■

## TEMPERATURE COMPENSATED ZENER DIODES

<b>1N 3154</b> to <b>1N 3157</b>	$V_{ZT \text{ typ}} = 8.4 \text{ V} \pm 5\%$ ( $I_{ZT} = 10 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.01\%$ to $0.001\%$ / $^{\circ}\text{C}$	DO 35	■	
<b>1N 4565 A</b> to <b>1N 4568 A</b>	$V_{ZT \text{ typ}} = 6.4 \text{ V} \pm 5\%$ ( $I_{ZT} = 5 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.01\%$ to $0.001\%$ / $^{\circ}\text{C}$	DO 35	■	■
<b>1N 4569 A</b>	$V_{ZT \text{ typ}} = 6.4 \text{ V} \pm 5\%$ ( $I_{ZT} = 5 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.0005\%$ / $^{\circ}\text{C}$	DO 35	■	
<b>1N 4575 A</b> to <b>1N 4578 A</b>	$V_{ZT \text{ typ}} = 6.4 \text{ V} \pm 5\%$ ( $I_{ZT} = 2 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.01\%$ to $0.001\%$ / $^{\circ}\text{C}$	DO 35	■	■
<b>1N 4579 A</b>	$V_{ZT \text{ typ}} = 6.4 \text{ V} \pm 5\%$ ( $I_{ZT} = 2 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.0005\%$ / $^{\circ}\text{C}$	DO 35	■	
<b>1N 821 A</b> to <b>1N 827 A</b>	$V_{ZT \text{ typ}} = 6.2 \text{ V} \pm 5\%$ ( $I_{ZT} = 7.5 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.01\%$ to $0.001\%$ / $^{\circ}\text{C}$	DO 35	■	■
<b>1N 829 A</b>	$V_{ZT \text{ typ}} = 6.2 \text{ V} \pm 5\%$ ( $I_{ZT} = 7.5 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.0005\%$ / $^{\circ}\text{C}$	DO 35	■	
<b>1N 935 A</b> to <b>1N 939 A</b>	$V_{ZT \text{ typ}} = 9 \text{ V} \pm 5\%$ ( $I_{ZT} = 7.5 \text{ mA}$ ) $\alpha V_{Z \text{ max}} = 0.01\%$ to $0.0005\%$ / $^{\circ}\text{C}$	DO 35	■	