



Micro Commercial Components
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BZT52C2V4LP THRU BZT52C39LP

Features

- Ultra-Small Leadless Surface Mount Package
- Case Material: Molded Plastic. UL Flammability Classification Rating 94V-0 and MSL Rating 1
- Ideally Suited for Automated Assembly Processes
- Lead Free Finish/RoHS Compliant("P" Suffix designates RoHS Compliant. See ordering information)

**250 mW
Zener Diode
2.4 to 39 Volts**

Absolute Maximum Ratings

Symbol	Rating	Rating	Unit
P _D	Power dissipation	250	mW
T _J	Junction Temperature	-65 to +150	°C
T _{STG}	Storage Temperature Range	-65 to +150	°C

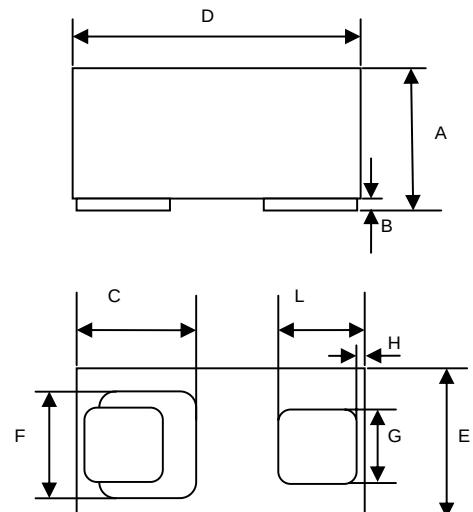
Absolute Maximum Ratings

Symbol	Rating	Rating	Unit
R _{thJA}	Thermal Resistance Junction to Ambient	500	°C/W

Electrical Characteristics

Symbol	Rating	Rating	Unit
V _F	Maximum Forward Voltage (I _F =10mA _{dc})	0.9	V

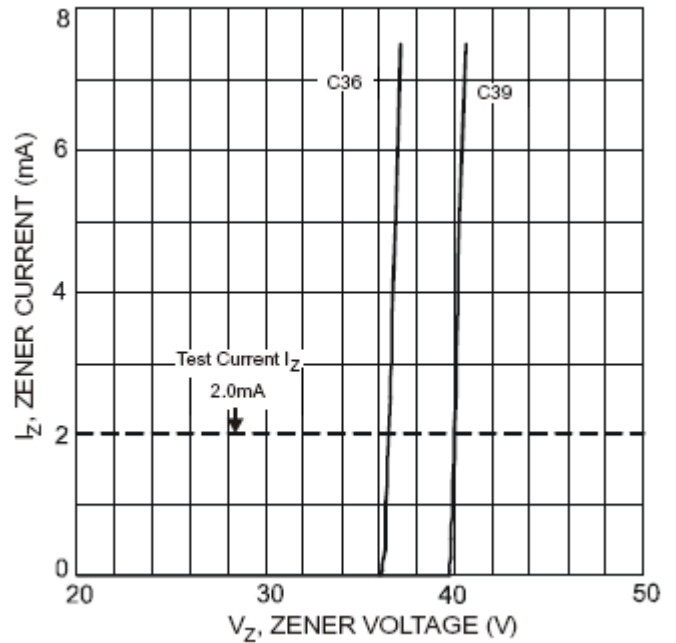
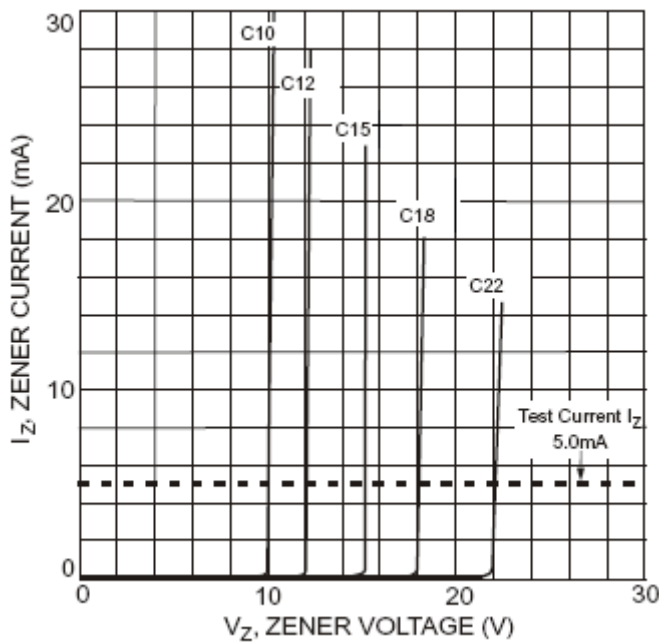
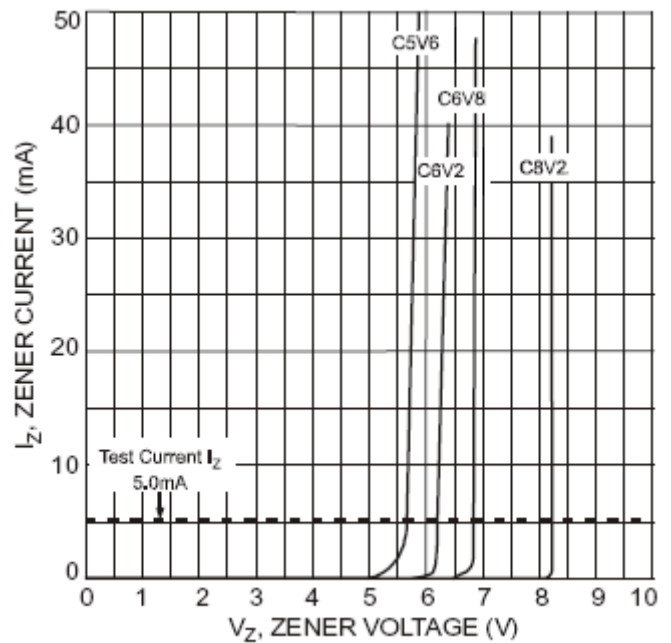
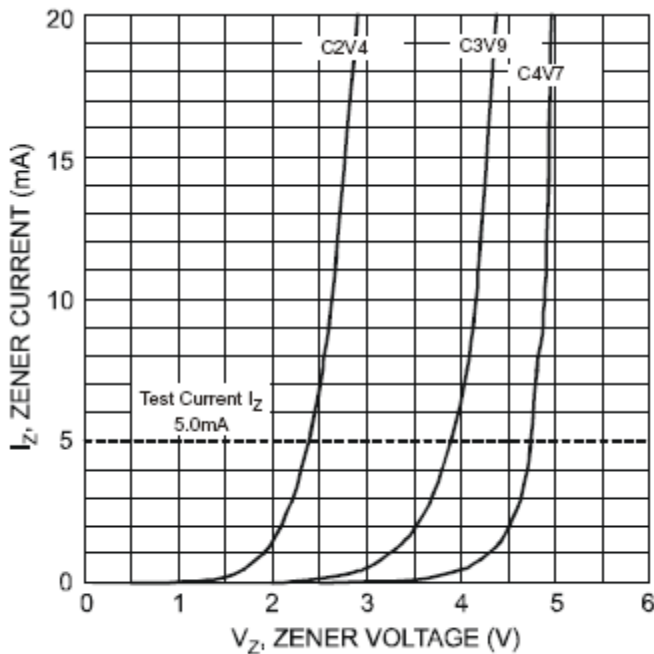
SOD-882



ELECTRICAL CHARACTERISTICS @25°C

Type Number	Marking Code	ZENER VOLTAGE ⁽¹⁾				Maximum Zener Impedance ⁽²⁾			Maximum Reverse Current I_R (Max) @ V_R		Typical Temperature Coefficient @ I_{ZTC} mV/°C		Test Current I_{ZTC}
		V_Z @ I_{ZT}			I_{ZT}	Z_{ZT} @ I_{ZT}	Z_{ZK} @ I_{ZK}	I_{ZK}	I_R	V_R			
		Min.	Nom	Max.	mA	Ω		mA	μA	V	Min	Max.	mA
BZT52C2V4LP	WX	2.2	2.4	2.6	5	100	600	1.0	50	1.0	-3.5	0	5
BZT52C2V7LP	W1	2.5	2.7	2.9	5	100	600	1.0	20	1.0	-3.5	0	5
BZT52C3V0LP	W2	2.8	3.0	3.2	5	95	600	1.0	10	1.0	-3.5	0	5
BZT52C3V3LP	W3	3.1	3.3	3.5	5	95	600	1.0	5	1.0	-3.5	0	5
BZT52C3V6LP	W4	3.4	3.6</										

Typical characteristics



Ordering Information

Device	Packing
(Part Number)-TP	Tape&Reel;5Kpcs/Reel

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