

CMPZ4678 THRU CMPZ4717

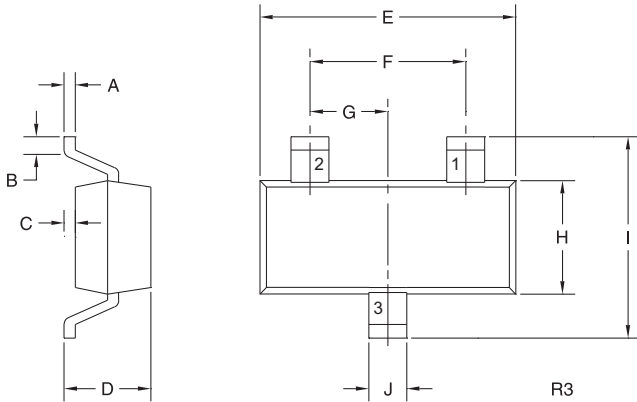
**SURFACE MOUNT SILICON
LOW LEVEL ZENER DIODES
350mW, 1.8 THRU 43 VOLT
5% TOLERANCE**



ELECTRICAL CHARACTERISTICS - Continued: ($T_A=25^\circ\text{C}$) $V_F=1.5\text{V MAX @ } I_F=100\text{mA}$ (for all types)

TYPE	ZENER VOLTAGE $V_Z @ I_{ZT}$			TEST CURRENT I_{ZT}	MAXIMUM ZENER IMPEDANCE				MAXIMUM REVERSE CURRENT		MAXIMUM ZENER CURRENT I_{ZM}	MARKING CODE
	MIN	NOM	MAX		$Z_{ZT} @ I_{ZT}$	$Z_{ZK} @ I_{ZK}$	$I_R @ V_R$	I_{ZM}				
	V	V	V						Ω	mA		
CMPZ4699	11.40	12	12.60	50	22	5.0	600	0.25	0.05	9.1	20.4	C9X
CMPZ4700	12.35	13	13.65	50	25	5.0	600	0.25	0.05	9.8	19.0	C9Y
CMPZ4701	13.30	14	14.70	50	28	5.0	600	0.25	0.05	10.6	17.5	C9Z
CMPZ4702	14.25	15	15.75	50	32	5.0	600	0.25	0.05	11.4	16.3	91A
CMPZ4703	15.20	16	16.80	50	36	5.0	600	0.25	0.05	12.1	15.4	91B
CMPZ4704	16.15	17	17.85	50	39	5.0	600	0.25	0.05	12.9	14.5	91C
CMPZ4705	17.10	18	18.90	50	42	5.0	600	0.25	0.05	13.6	13.2	91D
CMPZ4706	18.05	19	19.95	50	45	5.0	600	0.25	0.05	14.4	12.5	91E
CMPZ4707	19.00	20	21.00	50	48	5.0	600	0.25	0.01	15.2	11.9	91F
CMPZ4708	20.90	22	23.10	50	55	5.0	600	0.25	0.01	16.7	10.8	91G
CMPZ4709	22.80	24	25.20	50	62	5.0	600	0.25	0.01	18.2	9.9	91H
CMPZ4710	23.75	25	26.25	50	66	5.0	600	0.25	0.01	19.0	9.5	91J
CMPZ4711	25.65	27	28.35	50	70	5.0	600	0.25	0.01	20.4	8.8	91K
CMPZ4712	26.60	28	29.40	50	74	5.0	600	0.25	0.01	21.2	8.5	91L
CMPZ4713	28.50	30	31.50	50	78	5.0	600	0.25	0.01	22.8	7.9	91M
CMPZ4714	31.35	33	34.65	50	88	5.0	700	0.25	0.01	25.0	7.2	91N
CMPZ4715	34.20	36	37.80	50	95	5.0	700	0.25	0.01	27.3	6.6	91P
CMPZ4716	37.05	39	40.95	50	130	5.0	800	0.25	0.01	29.6	6.1	91Q
CMPZ4717	40.85	43	45.15	50	150	2.0	900	0.25	0.01	32.6	5.5	91R

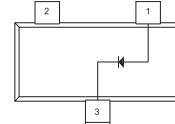
SOT-23 CASE - MECHANICAL OUTLINE



SYMBOL	DIMENSIONS			
	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.003	0.007	0.08	0.18
B	0.006	-	0.15	-
C	-	0.005	-	0.13
D	0.035	0.043	0.89	1.09
E	0.110	0.120	2.80	3.05
F	0.075		1.90	
G	0.037		0.95	
H	0.047	0.055	1.19	1.40
I	0.083	0.098	2.10	2.49
J	0.014	0.020	0.35	0.50

SOT-23 (REV: R3)

LEAD CODE:
1) Anode
2) No Connection
3) Cathode



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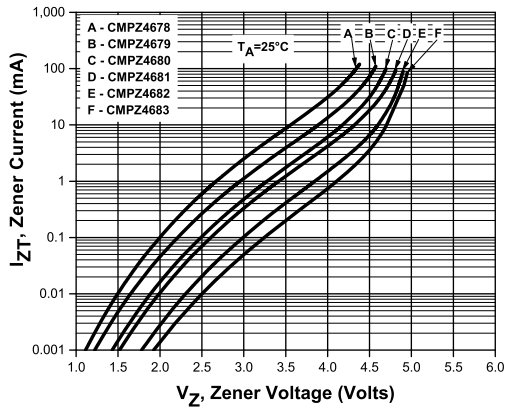
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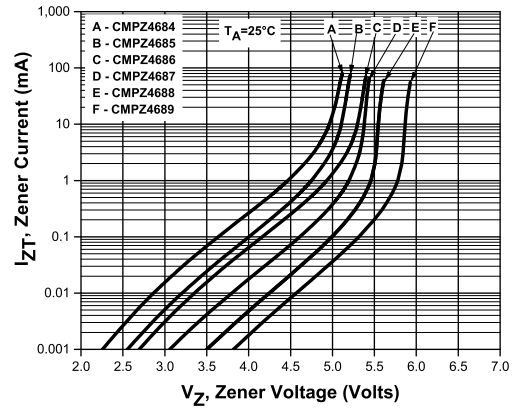


TYPICAL ELECTRICAL CHARACTERISTICS

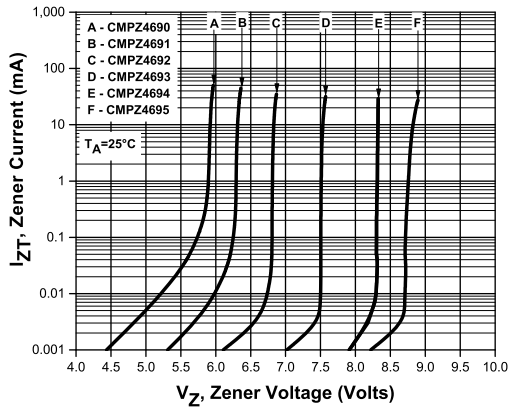
Zener Voltage, CMPZ4678-CMPZ4683



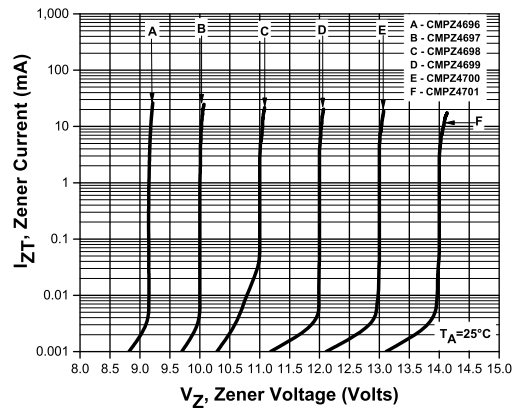
Zener Voltage, CMPZ4684-CMPZ4689



Zener Voltage, CMPZ4690-CMPZ4695



Zener Voltage, CMPZ4696-CMPZ4701



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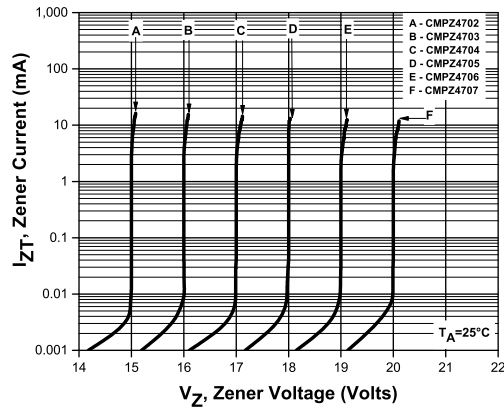
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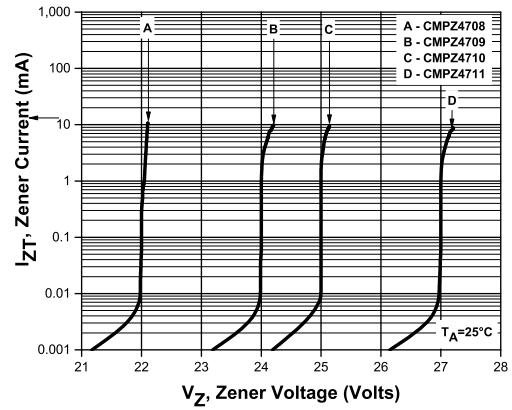


TYPICAL ELECTRICAL CHARACTERISTICS

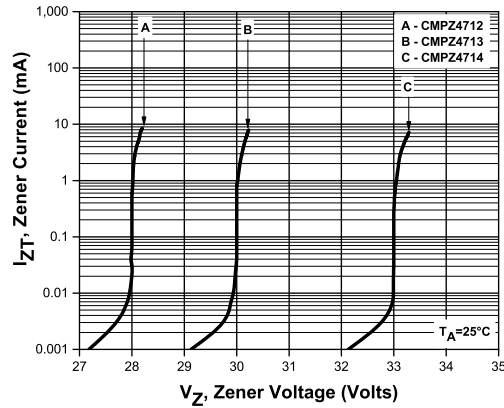
Zener Voltage, CMPZ4702-CMPZ4707



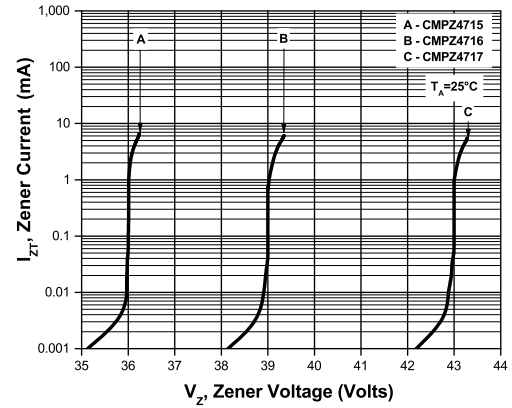
Zener Voltage, CMPZ4708-CMPZ4711



Zener Voltage, CMPZ4712-CMPZ4714



Zener Voltage, CMPZ4715-CMPZ4717



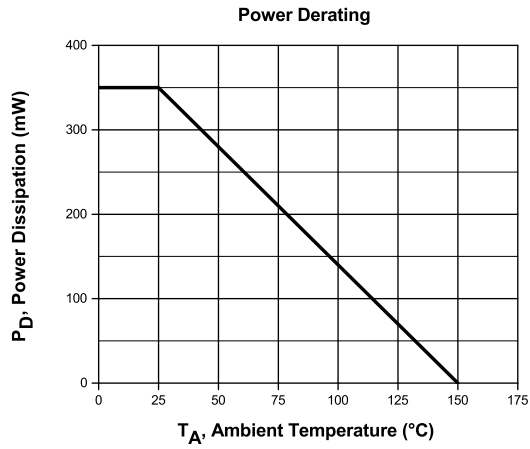
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TYPICAL ELECTRICAL CHARACTERISTICS



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OUTSTANDING SUPPORT AND SUPERIOR SERVICES



PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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