









Diodes

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Switching Diodes

FAMILY	DESCRIPTION	V _{RRM} (V) MAX	I _F (mA) MAX	V _F (V) MAX	@ (mA)	t _{rr} (ns) MAX	FAMILY	SOD-923  1.10 x 0.65 x 0.41
		 Devices are listed in order of ascending V _{RRM} .						
4150	Single	50	250	0.86 0.92 1.0	50 100 200	4.0	4150	
6i	Monolithic, Quad Diode Array	60	250	1.0	10	100	6i	
56	High Current, Dual, Isolated	60	200	0.75 1.0	10 200	6.0	56	
2836	CMUD2836, CMSD2836, and CMPD2836: Dual, Common Anode CMKD2836: Dual Pair, Common Anode	75	200	1.0	50	4.0	2836	
2838	CMUD2838, CMSD2838, and CMPD2838: Dual, Common Cathode CMLD2838, and CMKD2838: Dual Pair, Common Cathode	75	200	1.0	50	4.0	2838	
28	Dual, Isolated	85	200	0.715 1.0	1.0 50	6.0	28	
100	Dual, Isolated	85	250	0.715 1.0	1.0 50	6.0	100	
1001	CMPD1001: Single CMPD1001A: Dual, Common Anode CMPD1001S: Dual, In Series	90	250	0.75 0.9 1.0	10 100 200	50	1001	
914	Single	100	250	1.0	10	4.0	914	
4448	CMAD4448, CFD4448, CMOD4448, CMUD4448, CMDD4448, CMSD4448, and CMHD4448: Single CMLD4448: Dual, Isolated CMLD4448: Dual, Opposing, Isolated CMKD4448, and CMXD4448: Triple, Isolated	100	250	1.0	100	4.0	4448	CMAD4448 (1x)
7000	CMUD7000, CMSD7000, and CMPD7000: Dual, In Series CMKD7000: Dual Pair, In Series	100	200	0.7 0.82 1.1	1.0 10 100	4.0	7000	
 2836E	Dual, Common Anode, Enhanced	120	200	0.85 0.95	10 50	4.0	2836E	
 2838E	Dual, Common Cathode, Enhanced	120	200	0.85 0.95	10 50	4.0	2838E	
 914E	Single, Enhanced	120	250	0.85	10	4.0	914E	
 7000E	CMKD7000E: Dual Pair, In Series, Enhanced CMPD7000E: Dual, In Series, Enhanced	120	200	0.65 0.77 1.0	1.0 10 100	4.0	7000E	
5001	CMPD5001: Single CMPD5001S: Dual, In Series	120	400	0.75 0.9 1.0	10 100 200	50	5001	
2003	CMHD2003, and CMPD2003: Single CMPD2003C: Dual, Common Cathode CMPD2003S: Dual, In Series	250	250	1.0	100	50	2003	
2004	CMOD2004, CMDD2004, and CMPD2004: Single CMLD2004, and CMFD2004i: Dual, Isolated CMLD2004A, and CMPD2004A: Dual, Common Anode CMLD2004C, and CMPD2004C: Dual, Common Cathode CMLD2004S, and CMPD2004S: Dual, In Series CMLD2004DO: Dual, Opposing CMXD2004: Triple, Isolated CMXD2004TO: Triple, Opposing CMXD2004S, and CMXD2004SR: Dual Pair, In Series	300	225	1.0	100	50	2004	
2005	CMOD2005: Single CMSD2005S, and CMPD2005S: Dual, In Series	350	225	0.87 1.0	20 100	50	2005	
3004	Dual, In Series	375	225	1.0	100	50	3004	

 Indicates Enhanced Specification Device. Enhanced Spec in Red and Bold  Indicates Sorted Columns.

Package dimensions shown are maximum values in mm.

 SOD-882L 1.05 x 0.65 x 0.4	 SOT-883L 1.05 x 0.65 x 0.4	 SOD-523 1.80 x 0.9 x 0.8	 SOT-523 1.7 x 1.7 x 0.78	 SOT-563 1.7 x 1.7 x 0.6	 SOD-323 2.6 x 1.35 x 1.0	 SOT-323 2.2 x 2.2 x 1.1	 SOT-363 2.2 x 2.3 x 1.1	 SOD-123 3.9 x 1.8 x 1.35	 SOT-23 3.05 x 2.49 x 1.09	 SOT-143 3.04 x 2.50 x 1.14	 SOT-26 3.0 x 3.0 x 1.2	 SOT-28 3.0 x 3.0 x 1.45
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									CMHD4150 (1x)	CMPD4150 (1x)			
													CMEDA-6i (4x)
											BAS56 (2x)		
				CMUD2836 (2x)				CMSD2836 (2x)	CMKD2836 (4x)		CMPD2836 (2x)		
			CMUD2838 (2x)	CMLD2838 (4x)			CMSD2838 (2x)	CMKD2838 (4x)			CMPD2838 (2x)		
											BAS28 (2x)		
											BAW100 (2x)		
										CMPD1001 (1x)			
										CMPD1001A CMPD1001S (2x)			
										CMPD914 (1x)			
CFD4448 (1x)		CMOD4448 (1x)	CMUD4448 (1x)	CMLD4448 CMLD4448DO (2x)	CMDD4448 (1x)	CMSD4448 (1x)	CMKD4448 (3x)	CMHD4448 (1x)				CMXD4448 (3x)	
			CMUD7000 (2x)			CMSD7000 (2x)	CMKD7000 (4x)				CMPD7000 (2x)		
											CMPD2836E (2x)		
	CED2838E (2x)										CMPD2838E (2x)		
											CMPD914E (1x)		
							CMKD7000E (4x)				CMPD7000E (2x)		
											CMPD5001 (1x)		
											CMPD5001S (2x)		
									CMHD2003 (1x)		CMPD2003 (1x)		
											CMPD2003A CMPD2003C CMPD2003S (2x)		
		CMOD2004 (1x)		CMLD2004 CMLD2004A CMLD2004C CMLD2004S CMLD2004DO (2x)	CMDD2004 (1x)	CMSD2004S (2x)					CMPD2004 (1x)	CMFD2004i (2x)	CMXD2004 (3x)
											CMPD2004A CMPD2004C CMPD2004S (2x)		CMXD2004S CMXD2004SR (4x)
		CMOD2005 (1x)					CMSD2005S (2x)				CMPD2005S (2x)		CMXD2004TO (3x)
													CMXD3004SR (2x)

Suffix Codes:





A = Common Anode
 C = Common Cathode
 S = In Series
 E = Enhanced Specification
 i = Isolated Chips (CMEDA-6i has four Monolithic isolated diodes.)
 DO = Dual, Opposing
 TO = Triple, Opposing
 SR = Opposing Dual Pair, In Series

(2x) under part number indicates two devices in one package.
 (3x) under part number indicates three devices in one package.
 (4x) under part number indicates four devices in one package.

Schottky Diodes

















Tiny Leadless Module™

	FAMILY	DESCRIPTION	V _{RRM} (V) MAX	I _F * I _O (mA) MAX	V _F (V) MAX	@ (mA)	I _F (mA)	t _{rr} (ns) MAX	C _T †TYP (pF) MAX	FAMILY	Tiny Leadless Module™			
											TLM2D3D6  0.65 x 0.35 x 0.32	TLM621  2.15 x 1.15 x 0.8	TLM621H  2.15 x 1.65 x 0.4	SOD-923  1.10 x 0.65 x 0.41
High Voltage / Low Current	6263E	CMUD6263E: Single, Enhanced CMUD6263AE: Dual, Common Anode, Enhanced CMUD6263CE: Dual, Common Cathode, Enhanced CMUD6263SE: Dual, In Series, Enhanced	70	70	0.32 0.4 0.75		100µA 1.0 10	5.0	2.0	6263E				
	6263	CMAD6263, CMOD6263, CMDD6263, CMSD6263, and CMPD6263: Single CMSD6263A, and CMPD6263A: Dual, Common Anode CMSD6263C, and CMPD6263C: Dual, Common Cathode CMSD6263S, and CMPD6263S: Dual, In Series CMKD6263: Triple, Isolated CMLD6263: Dual, Isolated CMLD6263A: Dual Pair, Common Anode CMLD6263C: Dual Pair, Common Cathode CMLD6263S: Dual Pair, In Series CMRD6263DO, CMLD6263DO, and CMKD6263DO: Dual, Opposing, Isolated	70	15	0.395 (TYP) 0.41		1.0 1.0	5.0	2.0	6263				CMAD6263 (1x)
S Devices are listed in order of ascending I _F														
Low Current • 30V	SH01-30	Single	30	*100	0.46		10	–	7.0†	SH01-30	CTLSH01-30 (1x)			
	SH-3	CMOSH-3, CMDSH-3, CMSSH-3, CMHSH-3, and CMPSH-3: Single CMFSH-3: Dual, Isolated CMSSH-3A, and CMPSH-3A: Dual, Common Anode CMSSH-3C, and CMPSH-3C: Dual, Common Cathode CMSSH-3S, and CMPSH-3S: Dual, In Series CMKSH-3DO: Dual, Opposing Polarity CMKSH-3T, and CMXSH-3: Triple, Isolated	30	100	0.33 0.45		2.0 15	5.0	7.0	SH-3				
	SH1-3	Single	30	*100	0.18		1.0	–	15†	SH1-3				
	SH2-3	Single	30	*200	0.42 (TYP) 0.55		100 200	–	15†	SH2-3				
Low V _F 30V	SH01-30L	Single	30	*100	0.095 0.37		5.0µA 10	–	4.0†	SH01-30L	CTLSH01-30L (1x)			
	SH2-3L	Single	30	*200	0.40 0.48		100 200	–	25	SH2-30L				
Low Current • 40V	SH-3E	CMSSH-3E, and CMPSH-3E: Single CMSSH-3AE, and CMPSH-3AE: Dual, Common Anode CMSSH-3CE, and CMPSH-3CE: Dual, Common Cathode CMSSH-3SE, and CMPSH-3SE: Dual, In Series	40	200	0.33 0.42		2.0 15	5.0	7.0	SH-3E				
	SH-4	CMASH-4, CFSH-4, and CMDSH-4E: Single CMLSH-4: Dual, Isolated CMRSH-4DO, CMLSH-4DO: Dual, Opposing, Isolated	40	*200	0.38 0.65		1.0 15	5.0	7.0	SH-4				CMASH-4 (1x)
Medium Current	SH2-4	CMOSH2-4L, CMUSH2-4L, CMUSHW2-4L and CMDSH2-4L: Single CMKSH2-4LR: Triple, Isolated CMXSH2-4LS: Dual Pair, In Series	40	200	0.4		100	5.0	10	SH2-4				
		CFSH2-4L: Single	40	*200	0.52		100	5.0	10					
	SH2-4	CMUSH2-4: Single CMUSH2-4A: Dual, Common Anode CMUSH2-4C: Dual, Common Cathode CMUSH2-4S: Dual, In Series CMLSH2-4LA: Dual Pair, Common Anode CMLSH2-4LC: Dual Pair, Common Cathode CMLSH2-4LS: Dual Pair, In Series CMLSH2-4T: Triple, Isolated	40	200	0.6 0.75		50 100	5.0	10					
High Current	SH05-20L	Single	20	500	0.29 0.38 0.50		10 100 500	–	–	SH05-20L				
	SH05-4	CMUSH05-4, CMLSH05-4, CMDSH05-4, and CMPSH05-4: Single CMPSH05-4C: Dual, Common Cathode CMLSH05-4DO: Dual, Opposing, Isolated	40	500	0.27 0.35 0.47		10 100 500	5.0	50	SH05-4	CTLSH05-40M621 (1x)			
	SH05-45	Single	45	500	0.27 0.35 0.47		10 100 500	–	50	SH05-45				
	SH05-10	CMLSH05-10DA: Dual, Opposing, Isolated	100	500	0.85		500	–	–	SH05-10				
1.0 Amp	SH1-40	Single	40	*1000	0.29 0.36		10 100	15	–	SH1-40				CTLSH1-40M621H (1x)

E Indicates Enhanced Specification Device. Enhanced Spec in Red and Bold

S Indicates Sorted Columns.

Package dimensions shown are maximum values in mm.

SOT-963	SOD-882L	SOD-723	SOD-523	SOT-523	SOT-523W	SOT-563	SOD-323	SOT-323	SOT-363	SOD-123	SOT-23	SOT-143	SOT-26
													
1.05 x 1.05 x 0.5	1.05 x 0.65 x 0.4	1.45 x 0.65 x 0.55	1.80 x 0.9 x 0.8	1.7 x 1.7 x 0.78	1.7 x 1.68 x 0.8	1.7 x 1.7 x 0.6	2.6 x 1.35 x 1.0	2.2 x 2.2 x 1.1	2.2 x 2.3 x 1.1	3.9 x 1.8 x 1.35	3.05 x 2.49 x 1.09	3.04 x 2.50 x 1.14	3.0 x 3.0 x 1.2
				CMUD6263E (1x) CMUD6263AE CMUD6263CE CMUD6263SE (2x)									
CMRD6263DO (2x)			CMOD6263 (1x)			CMLD6263 (2x) CMLD6263A CMLD6263C CMLD6263S (4x) CMLD6263DO (2x)	CMDD6263 (1x)	CMSD6263 (1x) CMSD6263A CMSD6263C CMSD6263S (2x)	CMKD6263 (3x) CMKD6263DO (2x)		CMPD6263 (1x) CMPD6263A CMPD6263C CMPD6263S (2x)		
	CFSH01-30 (1x)												
			CMOSH-3 (1x)					CMSH-3 (1x) CMSH-3A CMSH-3C CMSH-3S (2x)	CMKSH-3DO (2x) CMKSH-3T (3x)	CMHSH-3 (1x)	CMPSH-3 (1x) CMPSH-3A CMPSH-3C CMPSH-3S (2x)	CMFSh-3i (2x)	CMXSH-3 (3x)
			CMGSH1-3 (1x)										
							CMDSH2-3 (1x)						
	CFSH01-30L (1x)												
	CFSH2-3L (1x)												
									CMSSH-3E (1x) CMSSH-3AE CMSSH-3CE CMSSH-3SE (2x)		CMPSH-3E (1x) CMPSH-3AE CMPSH-3CE CMPSH-3SE (2x)		
CMRSH-4DO (2x)	CFSH-4 (1x)		CMOSH-4E (1x)			CMLSH-4 CMLSH-4DO (2x)	CMDSH-4E (1x)						
			CMOSH2-4L (1x)	CMUSH2-4L (1x)	CMUSHW2-4L (1x)		CMDSH2-4L (1x)			CMKSH2-4LR (3x)			CMXSH2-4LS (4x)
	CFSH2-4L (1x)												
				CMUSH2-4 (1x) CMUSH2-4A CMUSH2-4C CMUSH2-4S (2x)		CMLSH2-4LA CMLSH2-4LC CMLSH2-4LS CMLSH2-4T (2x)							
	CFSH05-20L (1x)												
				CMUSH05-4 (1x)		CMLSH05-4 (1x) CMLSH05-4DO (2x)	CMDSH05-4 (1x)					CMPSH05-4 (1x) CMPSH05-4C (2x)	
								CMDSH05-45 (1x)					
							CMLSH05-10DA (2x)						
							CMLSH1-40 (1x)						

Suffix Codes:

A = Common Anode T = Triple SE = In Series with Enhanced Specification LS = Low V_F, Dual Pair, In Series
 C = Common Cathode E = Enhanced Specification DO = Dual, Opposing i = Isolated Chips
 S = In Series AE = Common Anode with Enhanced Specification L = Low V_F
 DO = Dual, Opposing CE = Common Cathode with Enhanced Specification LR = Low V_F, Triple, Isolated

(2x) under part number indicates two devices in one package.
 (3x) under part number indicates three devices in one package.
 (4x) under part number indicates four devices in one package.



Low Leakage Diodes

FAMILY	DESCRIPTION	V_{RRM}	I_O	I_R	@	V_R	V_F	@	I_F	C_T
		(V) MAX	(mA) MAX	(nA) MAX		(V)	(V) MAX		(mA)	(pF) MAX
Low Leakage Diodes	3003	200	200	1.0		125	1.1		200	4.0
	3595	150	150	1.0		125	1.0		200	8.0
	457A	70	200	25		60	1.0		100	6.0
	459A	200	200	25		175	1.0		100	6.0

Devices are listed in order of ascending I_R

Ultra Low Leakage Diodes

FAMILY	DESCRIPTION	V_{RRM}	I_O	I_R	@	V_R	V_F	@	I_F	C_T
		(V) MAX	(mA) MAX	(nA) MAX		(V)	(V) MAX		(mA)	(pF) MAX
Ultra Low Leakage Diodes	6001	100	250	0.5		75	1.1		100	2.0

Stabistor Diodes

FAMILY	V_F @ I_F			V_F @ I_F			V_F @ I_F			V_F @ I_F			V_F @ I_F			
	(V) MIN	(V) MAX	(mA)	(V) MIN	(V) MAX	(mA)	(V) MIN	(V) MAX	(mA)	(V) MIN	(V) MAX	(mA)	(V) MIN	(V) MAX	(mA)	
Stabistor Diodes	S17	0.58	0.68	0.1	0.665	0.76	1.0	0.725	0.82	5.0	0.75	0.84	10	0.87	0.96	100
	STB200	-	-	-	1.11	1.31	1.0	-	-	-	1.38	1.58	10	1.64	1.94	100
	STB300	-	-	-	1.71	1.91	1.0	-	-	-	2.08	2.28	10	2.61	2.91	100
	STB400	-	-	-	2.20	2.80	1.0	-	-	-	2.60	3.20	10	3.40	4.10	100

Devices are listed in order of ascending V_F

Indicates Sorted Columns.

Current Limiting Diodes

SOD-123FL



3.7 x 1.7 x 0.8

Package dimensions shown are maximum values in mm.

MAXIMUM RATINGS: ($T_A=25^\circ\text{C}$)

Peak Operating Voltage (CMJ0130 THRU CMJ5750)

Power Dissipation

Operating and Storage Junction Temperature

Thermal Resistance

SYMBOL

P_{OV}

P_D

T_J, T_{stg}

θ_{JA}

100

500

-65 to +150

250

UNITS

V












mW

$^\circ\text{C}$

$^\circ\text{C/W}$



Type	Regulator Current (Note 1)			Minimum Dynamic Impedance	Minimum Knee Impedance	Maximum Limiting Voltage	Temperature Coefficient (Note 2)	Marking Code
	I_P @ $V_T=25\text{V}$			Z_T @ $V_T=25\text{V}$	Z_K @ $V_K=6.0\text{V}$	V_L @ $I_L=0.8 \times I_P$ MIN	TC	
	MIN mA	NOM mA	MAX mA	M Ω	k Ω	V	%/ $^\circ\text{C}$	
CMJ0130	0.05	0.13	0.21	6.0	2,000	0.6	+2.10 to +0.10	101
CMJ0300	0.20	0.31	0.42	4.0	1,000	0.8	+0.40 to -0.20	301
CMJ0500	0.40	0.515	0.63	2.0	500	1.1	+0.15 to -0.25	501
CMJ0750	0.60	0.76	0.92	1.0	200	1.4	0.0 to -0.32	701
CMJ1000	0.88	1.1	1.32	0.65	100	1.7	-0.10 to -0.37	102
CMJ1500	1.28	1.5	1.72	0.45	70	2.0	-0.13 to -0.40	152
CMJ2000	1.68	2.0	2.32	0.35	50	2.3	-0.15 to -0.42	202
CMJ2700	2.28	2.69	3.1	0.30	30	2.7	-0.18 to -0.45	272
CMJ3500	3.0	3.55	4.1	0.25	20	3.2	-0.20 to -0.47	352
CMJ4500	3.9	4.5	5.1	0.20	10	3.7	-0.22 to -0.50	452
CMJ5750	5.0	5.75	6.5	0.05	5.0	4.5	-0.25 to -0.53	562

Package dimensions shown are maximum values in mm.

FAMILY	SOD-923  1.10 x 0.65 x 0.41	SOD-523  1.80 x 0.9 x 0.8	SOT-523  1.7 x 1.7 x 0.78	SOT-523W  1.7 x 1.68 x 0.8	SOT-563  1.7 x 1.7 x 0.6	SOD-323  2.6 x 1.35 x 1.0	SOT-363  2.2 x 2.3 x 1.1	SOD-123  3.9 x 1.8 x 1.35	SOT-23  3.05 x 2.49 x 1.09	SOT-26  3.0 x 3.0 x 1.2	SOD-80  3.71 x 1.7
3003		CMOD3003 (1x)			CMLD3003DO (2x)	CMDD3003 (1x)	CMKD3003DO (2x)		CMPD3003 (1x) CMPD3003A CMPD3003C CMPD3003S (2x)	CMXD3003TO (3x)	
3595								CMHD3595 (1x)			CLL3595 (1x)
457A								CMHD457A (1x)			CLL457A (1x)
459A								CMHD459A (1x)			CLL459A (1x)

6001	CMAD6001 (1x)	CMOD6001 (1x)	CMSD6001 (1x) CMSD6001A CMSD6001C CMSD6001S (2x)	CMUDW6001 (1x)	CMLD6001 CMLD6001DO (2x)	CMDD6001 (1x)	CMKD6001 (3x) CMKD6000 (4x)		CMPD6001 (1x) CMPD6001A CMPD6001C CMPD6001S (2x)	CMXD6001 (3x)	
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Package dimensions shown are maximum values in mm.

FAMILY	SOT-23  3.05 x 2.49 x 1.09	SOT-26  3.0 x 3.0 x 1.2
S17	CBAS17 (1x)	
STB200		CMXSTB200 (2x)
STB300		CMXSTB300 (3x)
STB400		CMXSTB400 (4x)

Suffix Codes:

A = Common Anode (except CMHD457A & CMHD459A)
C = Common Cathode

S = In Series
DO = Dual, Opposing

(2x) under part number indicates two devices in one package.
(3x) under part number indicates three devices in one package.
(4x) under part number indicates four devices in one package.

High Current, Current Limiting Diodes

SOD-123FL



3.7 x 1.7 x 0.8

Package dimensions shown are maximum values in mm.

MAXIMUM RATINGS: (T_A=25°C)

Peak Operating Voltage (CMJH080 THRU CMJH180)

Power Dissipation

Operating and Storage Junction Temperature

Thermal Resistance

SYMBOL

P _{OV}	50	V
P _D	500	mW
T _J , T _{stg}	-65 to +150	°C
θ _{JA}	250	°C/W

UNITS

ELECTRICAL CHARACTERISTICS: (T_A=25°C unless otherwise noted)

Type	Regulator Current (Note 1) I _P @ V _T =25V			Minimum Dynamic Impedance Z _T @ V _T =25V	Minimum Knee Impedance Z _K @ V _K =6.0V	Maximum Limiting Voltage V _L @ I _L =0.8 x I _P MIN	Temperature Coefficient (Note 2) TC	Marking Code
	MIN mA	NOM mA	MAX mA	MΩ	kΩ	V	%/°C	
CMJH080	6.56	8.2	9.84	0.32	15	3.1	-0.25 to -0.45	822
CMJH100	8.0	10	12	0.17	6.0	3.5	-0.25 to -0.45	103
CMJH120	9.6	12	14.4	0.08	3.0	3.8	-0.25 to -0.45	123
CMJH150	12	15	18	0.03	2.0	4.3	-0.25 to -0.45	153
CMJH180	16	18	20	0.02	1.8	4.6	-0.25 to -0.45	183


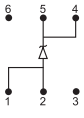
Notes: 1) Pulsed Method: Pulse Width (ms) = 27.5 divided by I_P NOM (mA)

2) The Temperature Coefficient is measured between +25°C and +50°C.


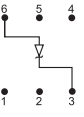
Temperature Compensated Zener Diodes

325mW
6.2 to 9.0V

Package dimensions shown are maximum values in mm.

POWER	325mW			
CASE	 2.2 x 2.3 x 1.1 SOT-363 			
	ZENER VOLTAGE ± 5% TOL $V_Z @ I_{ZT}$	ZENER TEST CURRENT I_{ZT}	MAXIMUM ZENER IMPEDANCE $Z_{ZT} @ I_{ZT}$	VOLTAGE TEMPERATURE STABILITY* $\Delta V_Z \text{ MAX}$
	VOLTS	mA	Ω	mV
CMKTC825A	6.2	7.5	20	44

Package dimensions shown are maximum values in mm.

POWER	325mW			
CASE	 3.0 x 3.0 x 1.2 SOT-26 			
	ZENER VOLTAGE ± 5% TOL $V_Z @ I_{ZT}$	ZENER TEST CURRENT I_{ZT}	MAXIMUM ZENER IMPEDANCE $Z_{ZT} @ I_{ZT}$	VOLTAGE TEMPERATURE STABILITY* $\Delta V_Z \text{ MAX}$
	VOLTS	mA	Ω	mV
CMXTC935A	9.0	7.5	-	95





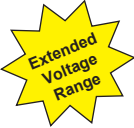







* The Maximum allowable voltage change observed at the specified temperatures of -55°C, 0°C, 25°C, 75°C, and 100°C

Package dimensions shown are maximum values in mm.

Zener Diodes

100 to 250mW
1.8 to 47V

Package dimensions shown are maximum values in mm.











POWER	100mW		200mW		250mW										
CASE	 0.65 x 0.35 x 0.32 TLM2D3D6		 2.2 x 2.3 x 1.1 SOT-363		 1.80 x 0.9 x 0.8 SOD-523					 2.6 x 1.35 x 1.0 SOD-323					
ZENER VOLTAGE	INDUSTRY STANDARD	@ I _{ZT} (mA)	TRIPLE ZENER	@ I _{ZT} (mA)	INDUSTRY STANDARD	@ I _{ZT} (mA)	LOW LEVEL SHARP KNEE	@ I _{ZT} (µA)	INDUSTRY STANDARD	@ I _{ZT} (mA)	INDUSTRY STANDARD	@ I _{ZT} (mA)	LOW LEVEL SHARP KNEE	@ I _{ZT} (µA)	
															
1.8	-	-	-	-	-	-	CMOZ1L8	250	-	-	-	-	CMDZ1L8	500	
2.0	-	-	-	-	-	-	CMOZ2L0	250	-	-	-	-	CMDZ2L0	500	
2.2	-	-	-	-	-	-	CMOZ2L2	250	-	-	-	-	CMDZ2L2	500	
2.4	-	-	CMKZ5221B*	20	CMOZ2V4	5.0	CMOZ2L4	250	CMDZ5221B	20	CMOZ2V4	5.0	CMDZ2L4	500	
2.5	-	-	CMKZ5222B*	20	-	-	CMOZ2L5	250	CMDZ5222B	20	-	-	CMOZ2L5	500	
2.6	-	-	-	-	CMOZ2V6	5.0	-	-	-	-	CMOZ2V6	5.0	-	-	
2.7	-	-	CMKZ5223B*	20	CMOZ2V7	5.0	CMOZ2L7	250	CMDZ5223B	20	CMOZ2V7	5.0	CMOZ2L7	500	
2.8	-	-	CMKZ5224B*	20	-	-	-	-	CMDZ5224B	20	-	-	CMOZ2L8	500	
3.0	-	-	CMKZ5225B*	20	CMOZ3V0	5.0	CMOZ3L0	250	CMDZ5225B	20	CMOZ3V0	5.0	CMOZ3L0	500	
3.3	-	-	CMKZ5226B*	20	CMOZ3V3	5.0	CMOZ3L3	250	CMDZ5226B	20	CMOZ3V3	5.0	CMOZ3L3	500	
3.6	-	-	CMKZ5227B*	20	CMOZ3V6	5.0	CMOZ3L6	250	CMDZ5227B	20	CMOZ3V6	5.0	CMOZ3L6	500	
3.9	CTLZ3V9	5.0	CMKZ5228B*	20	CMOZ3V9	5.0	CMOZ3L9	250	CMDZ5228B	20	CMOZ3V9	5.0	CMOZ3L9	500	
4.3	-	-	CMKZ5229B*	20	CMOZ4V3	5.0	CMOZ4L3	250	CMDZ5229B	20	CMOZ4V3	5.0	CMOZ4L3	500	
4.7	CTLZ4V7	5.0	CMKZ5230B*	20	CMOZ4V7	5.0	CMOZ4L7	250	CMDZ5230B	20	CMOZ4V7	5.0	CMOZ4L7	500	
5.1	CTLZ5V1	5.0	CMKZ5231B*	20	CMOZ5V1	5.0	CMOZ5L1	250	CMDZ5231B	20	CMOZ5V1	5.0	CMOZ5L1	500	
5.6	CTLZ5V6	5.0	CMKZ5232B*	20	CMOZ5V6	5.0	CMOZ5L6	250	CMDZ5232B	20	CMOZ5V6	5.0	CMOZ5L6	500	
6.0	-	-	CMKZ5233B*	20	-	-	-	-	CMDZ5233B	20	-	-	-	-	
6.2	CTLZ6V2	5.0	CMKZ5234B*	20	CMOZ6V2	5.0	CMOZ6L2	250	CMDZ5234B	20	CMOZ6V2	5.0	CMOZ6L2	500	
6.8	CTLZ6V8	5.0	CMKZ5235B*	20	CMOZ6V8	5.0	CMOZ6L8	250	CMDZ5235B	20	CMOZ6V8	5.0	CMOZ6L8	500	
7.5	CTLZ7V5	5.0	CMKZ5236B*	20	CMOZ7V5	5.0	CMOZ7L5	250	CMDZ5236B	20	CMOZ7V5	5.0	CMOZ7L5	500	
8.2	CTLZ8V2	5.0	CMKZ5237B*	20	CMOZ8V2	5.0	CMOZ8L2	250	CMDZ5237B	20	CMOZ8V2	5.0	CMOZ8L2	500	
8.7	-	-	CMKZ5238B*	20	-	-	-	-	CMDZ5238B	20	-	-	-	-	
9.1	-	-	CMKZ5239B*	20	CMOZ9V1	5.0	CMOZ9L1	250	CMDZ5239B	20	CMOZ9V1	5.0	CMOZ9L1	500	
10	-	-	CMKZ5240B*	20	CMOZ10V	5.0	CMOZ10L	250	CMDZ5240B	20	CMOZ10V	5.0	CMOZ10L	500	
11	-	-	CMKZ5241B*	20	CMOZ11V	5.0	CMOZ11L	250	CMDZ5241B	20	CMOZ11V	5.0	CMOZ11L	500	
12	-	-	CMKZ5242B*	20	CMOZ12V	5.0	CMOZ12L	250	CMDZ5242B	20	CMOZ12V	5.0	CMOZ12L	500	
13	-	-	CMKZ5243B*	9.5	CMOZ13V	5.0	CMOZ13L	250	CMDZ5243B	9.5	CMOZ13V	5.0	CMOZ13L	500	
14	-	-	CMKZ5244B*	9.0	-	-	-	-	CMDZ5244B	9.0	-	-	-	-	
15	-	-	CMKZ5245B*	8.5	CMOZ15V	5.0	CMOZ15L	250	CMDZ5245B	8.5	CMOZ15V	5.0	CMOZ15L	500	
16	-	-	CMKZ5246B*	7.8	CMOZ16V	5.0	CMOZ16L	250	CMDZ5246B	7.8	CMOZ16V	5.0	CMOZ16L	500	
17	-	-	CMKZ5247B*	7.4	-	-	-	-	CMDZ5247B	7.4	-	-	-	500	
18	-	-	CMKZ5248B*	7.0	CMOZ18V	5.0	CMOZ18L	250	CMDZ5248B	7.0	CMOZ18V	5.0	CMOZ18L	500	
19	-	-	CMKZ5249B*	6.6	-	-	-	-	CMDZ5249B	6.6	-	-	-	-	
20	-	-	CMKZ5250B*	6.2	CMOZ20V	5.0	CMOZ20L	250	CMDZ5250B	6.2	CMOZ20V	5.0	CMOZ20L	500	
22	-	-	CMKZ5251B*	5.6	CMOZ22V	5.0	CMOZ22L	250	CMDZ5251B	5.6	CMOZ22V	5.0	CMOZ22L	500	
24	-	-	CMKZ5252B*	5.2	CMOZ24V	5.0	CMOZ24L	250	CMDZ5252B	5.2	CMOZ24V	5.0	CMOZ24L	500	
25	-	-	CMKZ5253B*	5.0	-	-	-	-	CMDZ5253B	5.0	-	-	-	-	
27	-	-	CMKZ5254B*	4.6	CMOZ27V	5.0	CMOZ27L	250	CMDZ5254B	4.6	CMOZ27V	5.0	CMOZ27L	500	
28	-	-	CMKZ5255B*	4.5	-	-	-	-	CMDZ5255B	4.5	-	-	-	-	
30	-	-	CMKZ5256B*	4.2	CMOZ30V	5.0	CMOZ30L	250	CMDZ5256B	4.2	CMOZ30V	5.0	CMOZ30L	500	
33	-	-	CMKZ5257B*	3.8	CMOZ33V	5.0	CMOZ33L	250	CMDZ5257B	3.8	CMOZ33V	5.0	CMOZ33L	500	
36	-	-	CMKZ5258B*	3.4	CMOZ36V	5.0	CMOZ36L	250	CMDZ5258B	3.4	CMOZ36V	5.0	CMOZ36L	500	
39	-	-	CMKZ5259B*	3.2	CMOZ39V	5.0	CMOZ39L	250	CMDZ5259B	3.2	CMOZ39V	5.0	CMOZ39L	500	
43	-	-	CMKZ5260B*	3.0	CMOZ43V	5.0	CMOZ43L	250	CMDZ5260B	3.0	CMOZ43V	5.0	CMOZ43L	500	
47	-	-	CMKZ5261B*	2.7	-	-	-	-	CMDZ5261B	2.7	CMOZ47V	5.0	CMOZ47L	500	

* Available on special order; please consult factory.

Zener Diodes (continued)

250 to 350mW
1.8 to 75V

Package dimensions shown are maximum values in mm.






POWER	250mW						350mW							
CASE	 2.2 x 2.2 x 1.1 SOT-323			 1.7 x 1.7 x 0.6 SOT-563			 3.05 x 2.49 x 1.09 SOT-23							
ZENER VOLTAGE	INDUSTRY STANDARD	@ I _{ZT} (mA)	DUAL, COMMON ANODE	@ I _{ZT} (mA)	DUAL, COMMON ANODE	@ I _{ZT} (mA)	INDUSTRY STANDARD	@ I _{ZT} (mA)	LOW NOISE LOW LEVEL	@ I _{ZT} (μA)	LOW LEVEL	@ I _{ZT} (μA)	PROELECTRON SPECIFICATION	@ I _{ZT} (μA)
														
1.8	-	-	-	-	-	-	-	-	CMPZ4614*	250	CMPZ4678	50	-	-
2.0	-	-	-	-	-	-	-	-	CMPZ4615*	250	CMPZ4679*	50	-	-
2.2	-	-	-	-	-	-	-	-	CMPZ4616*	250	CMPZ4680*	50	-	-
2.4	CMSZ5221B	20	CMSZDA2V4	5.0	CMLZDA2V4	5.0	CMPZ5221B	20	CMPZ4617*	250	CMPZ4681*	50	BZX84C2V4	5.0
2.5	CMSZ5222B	20	-	-	-	-	CMPZ5222B	20	-	-	-	-	-	-
2.7	CMSZ5223B	20	CMSZDA2V7	5.0	CMLZDA2V7	5.0	CMPZ5223B	20	CMPZ4618*	250	CMPZ4682	50	BZX84C2V7	5.0
2.8	CMSZ5224B	20	-	-	-	-	CMPZ5224B	20	-	-	-	-	-	-
3.0	CMSZ5225B	20	CMSZDA3V0	5.0	CMLZDA3V0	5.0	CMPZ5225B	20	CMPZ4619	250	CMPZ4683	50	BZX84C3V0	5.0
3.3	CMSZ5226B	20	CMSZDA3V3	5.0	CMLZDA3V3	5.0	CMPZ5226B	20	CMPZ4620	250	CMPZ4684	50	BZX84C3V3	5.0
3.6	CMSZ5227B	20	CMSZDA3V6	5.0	CMLZDA3V6	5.0	CMPZ5227B	20	CMPZ4621	250	CMPZ4685	50	BZX84C3V6	5.0
3.9	CMSZ5228B	20	CMSZDA3V9	5.0	CMLZDA3V9	5.0	CMPZ5228B	20	CMPZ4622*	250	CMPZ4686	50	BZX84C3V9	5.0
4.3	CMSZ5229B	20	CMSZDA4V3	5.0	CMLZDA4V3	5.0	CMPZ5229B	20	CMPZ4623	250	CMPZ4687	50	BZX84C4V3	5.0
4.7	CMSZ5230B	20	CMSZDA4V7	5.0	CMLZDA4V7	5.0	CMPZ5230B	20	CMPZ4624*	250	CMPZ4688	50	BZX84C4V7	5.0
5.1	CMSZ5231B	20	CMSZDA5V1	5.0	CMLZDA5V1	5.0	CMPZ5231B	20	CMPZ4625	250	CMPZ4689	50	BZX84C5V1	5.0
5.6	CMSZ5232B	20	CMSZDA5V6	5.0	CMLZDA5V6	5.0	CMPZ5232B	20	CMPZ4626	250	CMPZ4690	50	BZX84C5V6	5.0
6.0	CMSZ5233B	20	-	-	-	-	CMPZ5233B	20	-	-	-	-	-	-
6.2	CMSZ5234B	20	CMSZDA6V2	5.0	CMLZDA6V2	5.0	CMPZ5234B	20	CMPZ4627	250	CMPZ4691	50	BZX84C6V2	5.0
6.8	CMSZ5235B	20	CMSZDA6V8	5.0	CMLZDA6V8	5.0	CMPZ5235B	20	CMPZ4099*	250	CMPZ4692	50	BZX84C6V8	5.0
7.5	CMSZ5236B	20	CMSZDA7V5	5.0	CMLZDA7V5	5.0	CMPZ5236B	20	CMPZ4100*	250	CMPZ4693	50	BZX84C7V5	5.0
8.2	CMSZ5237B	20	CMSZDA8V2	5.0	CMLZDA8V2	5.0	CMPZ5237B	20	CMPZ4101	250	CMPZ4694	50	BZX84C8V2	5.0
8.7	CMSZ5238B	20	-	-	-	-	CMPZ5238B	20	CMPZ4102*	250	CMPZ4695	50	-	-
9.1	CMSZ5239B	20	CMSZDA9V1	5.0	CMLZDA9V1	5.0	CMPZ5239B	20	CMPZ4103*	250	CMPZ4696	50	BZX84C9V1	5.0
10	CMSZ5240B	20	CMSZDA10V	5.0	CMLZDA10V	5.0	CMPZ5240B	20	CMPZ4104*	250	CMPZ4697	50	BZX84C10	5.0
11	CMSZ5241B	20	CMSZDA11V	5.0	CMLZDA11V	5.0	CMPZ5241B	20	CMPZ4105*	250	CMPZ4698	50	BZX84C11	5.0
12	CMSZ5242B	20	CMSZDA12V	5.0	CMLZDA12V	5.0	CMPZ5242B	20	CMPZ4106*	250	CMPZ4699	50	BZX84C12	5.0
13	CMSZ5243B	9.5	CMSZDA13V	5.0	CMLZDA13V	5.0	CMPZ5243B	9.5	CMPZ4107*	250	CMPZ4700	50	BZX84C13	5.0
14	CMSZ5244B	9.0	-	-	-	-	CMPZ5244B	9.0	CMPZ4108*	250	CMPZ4701	50	-	-
15	CMSZ5245B	8.5	CMSZDA15V	5.0	CMLZDA15V	5.0	CMPZ5245B	8.5	CMPZ4109*	250	CMPZ4702	50	BZX84C15	5.0
16	CMSZ5246B	7.8	CMSZDA16V	5.0	CMLZDA16V	5.0	CMPZ5246B	7.8	CMPZ4110*	250	CMPZ4703	50	BZX84C16	5.0
17	CMSZ5247B	7.4	-	-	-	-	CMPZ5247B	7.4	CMPZ4111*	250	CMPZ4704	50	-	-
18	CMSZ5248B	7.0	CMSZDA18V	5.0	CMLZDA18V	5.0	CMPZ5248B	7.0	CMPZ4112*	250	CMPZ4705	50	BZX84C18	5.0
19	CMSZ5249B	6.6	-	-	-	-	CMPZ5249B	6.6	CMPZ4113*	250	CMPZ4706	50	-	-
20	CMSZ5250B	6.2	CMSZDA20V	5.0	CMLZDA20V	5.0	CMPZ5250B	6.2	CMPZ4114*	250	CMPZ4707	50	BZX84C20	5.0
22	CMSZ5251B	5.6	CMSZDA22V	5.0	CMLZDA22V	5.0	CMPZ5251B	5.6	CMPZ4115*	250	CMPZ4708	50	BZX84C22	5.0
24	CMSZ5252B	5.2	CMSZDA24V	5.0	CMLZDA24V	5.0	CMPZ5252B	5.2	CMPZ4116*	250	CMPZ4709	50	BZX84C24	5.0
25	CMSZ5253B	5.0	-	-	-	-	CMPZ5253B	5.0	CMPZ4117*	250	CMPZ4710	50	-	-
27	CMSZ5254B	4.6	CMSZDA27V	2.0	CMLZDA27V	2.0	CMPZ5254B	4.6	CMPZ4118*	250	CMPZ4711	50	BZX84C27	2.0
28	CMSZ5255B	4.5	-	-	-	-	CMPZ5255B	4.5	CMPZ4119*	250	CMPZ4712	50	-	-
30	CMSZ5256B	4.2	CMSZDA30V	2.0	CMLZDA30V	2.0	CMPZ5256B	4.2	CMPZ4120*	250	CMPZ4713	50	BZX84C30	2.0
33	CMSZ5257B	3.8	CMSZDA33V	2.0	CMLZDA33V	2.0	CMPZ5257B	3.8	CMPZ4121*	250	CMPZ4714	50	BZX84C33	2.0
36	CMSZ5258B	3.4	CMSZDA36V	2.0	CMLZDA36V	2.0	CMPZ5258B	3.4	CMPZ4122*	250	CMPZ4715	50	-	-
39	CMSZ5259B	3.2	CMSZDA39V	2.0	CMLZDA39V	2.0	CMPZ5259B	3.2	CMPZ4123*	250	CMPZ4716*	50	-	-
43	CMSZ5260B	3.0	CMSZDA43V	2.0	CMLZDA43V	2.0	CMPZ5260B	3.0	CMPZ4124*	250	CMPZ4717*	50	-	-
47	CMSZ5261B	2.7	CMSZDA47V	2.0	CMLZDA47V	2.0	CMPZ5261B	2.7	-	-	-	-	-	-
51	-	-	-	-	-	-	CMPZ5262B*	2.5	-	-	-	-	BZX84C51*	2.0
56	-	-	-	-	-	-	CMPZ5263B*	2.2	-	-	-	-	-	-
60	-	-	-	-	-	-	CMPZ5264B*	2.1	-	-	-	-	-	-
62	-	-	-	-	-	-	CMPZ5265B*	2.0	-	-	-	-	-	-
68	-	-	-	-	-	-	CMPZ5266B*	1.8	-	-	-	-	-	-
75	-	-	-	-	-	-	CMPZ5267B*	1.7	-	-	-	-	-	-

* Available on special order; please consult factory.

Zener Diodes (continued)

350mW
2.4 to 47V

Package dimensions shown are maximum values in mm.








POWER	350mW					
CASE	 3.05 x 2.49 x 1.09 SOT-23			 3.0 x 3.0 x 1.2 SOT-26		
ZENER VOLTAGE	DUAL, COMMON CATHODE	@ I _{ZT} (mA)	DUAL, COMMON ANODE	@ I _{ZT} (mA)	INDUSTRY STANDARD	@ I _{ZT} (mA)
						
2.4	CMPZDC2V4*	5.0	CMPZDA2V4	5.0	CMXZ2V4TO*	5.0
2.7	CMPZDC2V7*	5.0	CMPZDA2V7	5.0	CMXZ2V7TO*	5.0
3.0	CMPZDC3V0*	3.0	CMPZDA3V0	3.0	CMXZ3V0TO*	5.0
3.3	CMPZDC3V3*	3.0	CMPZDA3V3	3.0	CMXZ3V3TO*	5.0
3.6	CMPZDC3V6*	5.0	CMPZDA3V6	5.0	CMXZ3V6TO*	5.0
3.9	CMPZDC3V9*	5.0	CMPZDA3V9	5.0	CMXZ3V9TO*	5.0
4.3	CMPZDC4V3*	5.0	CMPZDA4V3	5.0	CMXZ4V3TO*	5.0
4.7	CMPZDC4V7*	5.0	CMPZDA4V7	5.0	CMXZ4V7TO*	5.0
5.1	CMPZDC5V1*	5.0	CMPZDA5V1	5.0	CMXZ5V1TO*	5.0
5.6	CMPZDC5V6	5.0	CMPZDA5V6	5.0	CMXZ5V6TO*	5.0
6.2	CMPZDC6V2*	5.0	CMPZDA6V2	5.0	CMXZ6V2TO*	5.0
6.8	CMPZDC6V8*	5.0	CMPZDA6V8	5.0	CMXZ6V8TO*	5.0
7.5	CMPZDC7V5*	5.0	CMPZDA7V5	5.0	CMXZ7V5TO*	5.0
8.2	CMPZDC8V2*	5.0	CMPZDA8V2	5.0	CMXZ8V2TO*	5.0
9.1	CMPZDC9V1*	5.0	CMPZDA9V1	5.0	CMXZ9V1TO*	5.0
10	CMPZDC10V*	5.0	CMPZDA10V	5.0	CMXZ10VTO*	5.0
11	CMPZDC11V*	5.0	CMPZDA11V	5.0	CMXZ11VTO*	5.0
12	CMPZDC12V*	5.0	CMPZDA12V	5.0	CMXZ12VTO*	5.0
13	CMPZDC13V*	5.0	CMPZDA13V	5.0	CMXZ13VTO*	5.0
15	CMPZDC15V*	5.0	CMPZDA15V	5.0	CMXZ15VTO*	5.0
16	CMPZDC16V*	5.0	CMPZDA16V	5.0	CMXZ16VTO*	5.0
18	CMPZDC18V*	5.0	CMPZDA18V	5.0	CMXZ18VTO*	5.0
20	CMPZDC20V*	5.0	CMPZDA20V	5.0	CMXZ20VTO*	5.0
22	CMPZDC22V*	5.0	CMPZDA22V	5.0	CMXZ22VTO*	5.0
24	CMPZDC24V*	5.0	CMPZDA24V	5.0	CMXZ24VTO*	5.0
27	CMPZDC27V	2.0	CMPZDA27V	2.0	CMXZ27VTO*	2.0
30	CMPZDC30V*	2.0	CMPZDA30V	2.0	CMXZ30VTO	2.0
33	CMPZDC33V*	2.0	CMPZDA33V	2.0	CMXZ33VTO*	2.0
36	CMPZDC36V*	2.0	CMPZDA36V	2.0	CMXZ36VTO*	2.0
39	CMPZDC39V*	2.0	CMPZDA39V	2.0	CMXZ39VTO*	2.0
43	CMPZDC43V*	2.0	CMPZDA43V	2.0	CMXZ43VTO*	2.0
47	CMPZDC47V*	2.0	CMPZDA47V	2.0	CMXZ47VTO*	2.0

* Available on special order; please consult factory.

Zener Diodes (continued)

500mW
1.8 to 75V

Package dimensions shown are maximum values in mm.

POWER	500mW									
CASE	 3.9 x 1.8 x 1.35 SOD-123					 3.71 x 1.7 SOD-80				
	ZENER VOLTAGE	INDUSTRY STANDARD	@ I _{ZT} (mA)	LOW LEVEL	@ I _{ZT} (μA)	LOW LEVEL LOW NOISE	@ I _{ZT} (μA)	INDUSTRY STANDARD	@ I _{ZT} (mA)	
										
1.8	-	-	CMHZ4678	50	CMHZ4614	250	-	-	-	-
2.0	-	-	CMHZ4679	50	CMHZ4615	250	-	-	-	-
2.2	-	-	CMHZ4680	50	CMHZ4616	250	-	-	-	-
2.4	CMHZ5221B	20	CMHZ4681	50	CMHZ4617	250	CLL5221B*	20	BZV55C2V4	5.0
2.5	CMHZ5222B	20	-	-	-	-	CLL5222B	20	-	-
2.7	CMHZ5223B	20	CMHZ4682	50	CMHZ4618	250	CLL5223B*	20	BZV55C2V7	5.0
2.8	CMHZ5224B	20	-	-	-	-	CLL5224B*	20	-	-
3.0	CMHZ5225B	20	CMHZ4683	50	CMHZ4619	250	CLL5225B	20	BZV55C3V0	5.0
3.3	CMHZ5226B	20	CMHZ4684	50	CMHZ4620	250	CLL5226B	20	BZV55C3V3	5.0
3.6	CMHZ5227B	20	CMHZ4685	50	CMHZ4621	250	CLL5227B	20	BZV55C3V6	5.0
3.9	CMHZ5228B	20	CMHZ4686	50	CMHZ4622	250	CLL5228B	20	BZV55C3V9	5.0
4.3	CMHZ5229B	20	CMHZ4687	50	CMHZ4623	250	CLL5229B	20	BZV55C4V3	5.0
4.7	CMHZ5230B	20	CMHZ4688	50	CMHZ4624	250	CLL5230B	20	BZV55C4V7	5.0
5.1	CMHZ5231B	20	CMHZ4689	50	CMHZ4625	250	CLL5231B	20	BZV55C5V1	5.0
5.6	CMHZ5232B	20	CMHZ4690	50	CMHZ4626	250	CLL3232B	20	BZV55C5V6	5.0
6.0	CMHZ5233B	20	-	-	-	-	CLL5233B	20	-	-
6.2	CMHZ5234B	20	CMHZ4691	50	CMHZ4627	250	CLL5234B	20	BZV55C6V2	5.0
6.8	CMHZ5235B	20	CMHZ4692	50	CMHZ4099	250	CLL5235B	20	BZV55C6V8	5.0
7.5	CMHZ5236B	20	CMHZ4693	50	CMHZ4100	250	CLL5236B	20	BZV55C7V5	5.0
8.2	CMHZ5237B	20	CMHZ4694	50	CMHZ4101	250	CLL5237B	20	BZV55C8V2	5.0
8.7	CMHZ5238B	20	CMHZ4695	50	CMHZ4102	250	CLL5238B	20	-	-
9.1	CMHZ5239B	20	CMHZ4696	50	CMHZ4103	250	CLL5239B	20	BZV55C9V1	5.0
10	CMHZ5240B	20	CMHZ4697	50	CMHZ4104	250	CLL5240B	20	BZV55C10	5.0
11	CMHZ5241B	20	CMHZ4698	50	CMHZ4105	250	CLL5241B	20	BZV55C11	5.0
12	CMHZ5242B	20	CMHZ4699	50	CMHZ4106	250	CLL5242B	20	BZV55C12	5.0
13	CMHZ5243B	9.5	CMHZ4700	50	CMHZ4107	250	CLL4243B	9.5	BZV55C13	5.0
14	CMHZ5244B	9.0	CMHZ4701	50	CMHZ4108	250	CLL5244B	9.0	-	-
15	CMHZ5245B	8.5	CMHZ4702	50	CMHZ4109	250	CLL5245B	8.5	BZV55C15	5.0
16	CMHZ5246B	7.8	CMHZ4703	50	CMHZ4110	250	CLL5246B	7.8	BZV55C16	5.0
17	CMHZ5247B	7.4	CMHZ4704	50	CMHZ4111	250	CLL5247B	7.4	-	-
18	CMHZ5248B	7.0	CMHZ4705	50	CMHZ4112	250	CLL5248B	7.0	BZV55C18	5.0
19	CMHZ5249B	6.6	CMHZ4706	50	CMHZ4113	250	CLL5249B	6.6	-	-
20	CMHZ5250B	6.2	CMHZ4707	50	CMHZ4114	250	CLL5250B	6.2	BZV55C20	5.0
22	CMHZ5251B	5.6	CMHZ4708	50	CMHZ4115	250	CLL5251B	5.6	BZV55C22	5.0
24	CMHZ5252B	5.2	CMHZ4709	50	CMHZ4116	250	CLL5252B	5.2	BZV55C24	5.0
25	CMHZ5253B	5.0	CMHZ4710	50	CMHZ4117	250	CLL5253B	5.0	-	-
27	CMHZ5254B	4.6	CMHZ4711	50	CMHZ4118	250	CLL5254B	4.6	BZV55C27	2.0
28	CMHZ5255B	4.5	CMHZ4712	50	CMHZ4119	250	CLL5255B	4.5	-	-
30	CMHZ5256B	4.2	CMHZ4713	50	CMHZ4120	250	CLL5256B	4.2	BZV55C30	2.0
33	CMHZ5257B	3.8	CMHZ4714	50	CMHZ4121	250	CLL5257B	3.8	BZV55C33	2.0
36	CMHZ5258B	3.4	CMHZ4715	50	CMHZ4122	250	CLL5258B	3.4	BZV55C36	2.0
39	CMHZ5259B	3.2	CMHZ4716	50	CMHZ4123	250	CLL5259B	3.2	BZV55C39	2.0
43	CMHZ5260B	3.0	CMHZ4717	50	CMHZ4124	250	CLL5260B	3.0	BZV55C43	2.0
47	CMHZ5261B	2.7	-	-	CMHZ4125	250	CLL5261B	2.7	BZV55C47	2.0
51	CMHZ5262B*	2.5	-	-	-	-	CLL5262B	2.5	BZV55C51	2.0
56	CMHZ5263B*	2.2	-	-	-	-	CLL5263B	2.2	BZV55C56	2.0
60	CMHZ5264B*	2.1	-	-	-	-	CLL5264B	2.1	-	-
62	CMHZ5265B*	2.0	-	-	-	-	CLL5265B	2.0	BZV55C62	2.0
68	CMHZ5266B*	1.8	-	-	-	-	CLL5266B	1.8	BZV55C68	2.0
75	CMHZ5267B*	1.7	-	-	-	-	CLL5267B	1.7	BZV55C75	2.0









Package dimensions shown are maximum values in mm.

* Available on special order; please consult factory.

Zener Diodes (continued)

1.0 to 10W
3.3 to 200V

Package dimensions shown are maximum values in mm.

POWER	1.0W		1.5W		3.0W		10W	
	 5.31 x 2.69		 5.59 x 2.92 x 2.62		 5.59 x 3.81 x 2.44		 8.13 x 6.22 x 2.62	
CASE	MELF		SMA		SMB		SMC	
ZENER VOLTAGE	GENERAL PURPOSE	@ I _{ZT} (mA)	1.5 WATT ZENER + 200W TVS	@ I _{ZT} (mA)	3.0 WATT ZENER	@ I _{ZT} (mA)	HIGH POWER	@ I _{ZT} (mA)
								
3.3	CLL4728A	76	CMZ5913B	113.6	CMZ5913BP	113.6	-	-
3.6	CLL4729A	69	CMZ5914B	104.2	CMZ5914BP	104.2	CMZ5334B	350
3.9	CLL4730A	64	CMZ5915B	96.1	CMZ5915BP	96.1	CMZ5335B	320
4.3	CLL4731A	58	CMZ5916B	87.2	CMZ5916BP	87.2	CMZ5336B	290
4.7	CLL4732A	53	CMZ5917B	79.8	CMZ5917BP	79.8	CMZ5337B	264
5.1	CLL4733A	49	CMZ5918B	73.5	CMZ5918BP	73.5	CMZ5338B	240
5.6	CLL4734A	45	CMZ5919B	66.9	CMZ5919BP	66.9	CMZ5339B	220
6.2	CLL4735A	41	CMZ5920B	60.5	CMZ5920BP	60.5	CMZ5340B	200
6.8	CLL4736A	37	CMZ5921B	55.1	CMZ5921BP	55.1	CMZ5342B	175
7.5	CLL4737A	34	CMZ5922B	50.0	CMZ5922BP	50.0	CMZ5343B	175
8.2	CLL4738A	31	CMZ5923B	45.7	CMZ5923BP	45.7	CMZ5344B	150
8.7	-	-	-	-	-	-	CMZ5345B	150
9.1	CLL4739A	28	CMZ5924B	41.2	CMZ5924BP	41.2	CMZ5346B	150
10	CLL4740A	25	CMZ5925B	37.5	CMZ5925BP	37.5	CMZ5347B	125
11	CLL4741A	23	CMZ5926B	34.1	CMZ5926BP	34.1	CMZ5348B	125
12	CLL4742A	21	CMZ5927B	31.2	CMZ5927BP	31.2	CMZ5349B	100
13	CLL4743A	19	CMZ5928B	28.8	CMZ5928BP	28.8	CMZ5350B	100
14	-	-	-	-	-	-	CMZ5351B	100
15	CLL4744A	17	CMZ5929B	25.0	CMZ5929BP	25.0	CMZ5352B	75
16	CLL4745A	15.5	CMZ5930B	23.4	CMZ5930BP	23.4	CMZ5353B	75
17	-	-	-	-	-	-	CMZ5354B	70
18	CLL4746A	14.0	CMZ5931B	20.8	CMZ5931BP	20.8	CMZ5355B	65
19	-	-	-	-	-	-	CMZ5356B	65
20	CLL4747A	12.5	CMZ5932B	18.7	CMZ5932BP	18.7	CMZ5357B	65
22	CLL4748A	11.5	CMZ5933B	17.0	CMZ5933BP	17.0	CMZ5358B	50
24	CLL4749A	10.5	CMZ5934B	15.6	CMZ5934BP	15.6	CMZ5359B	50
25	-	-	-	-	-	-	CMZ5360B	50
27	CLL4750A	9.5	CMZ5935B	13.9	CMZ5935BP	13.9	CMZ5361B	50
28	-	-	-	-	-	-	CMZ5362B	50
30	CLL4751A	8.5	CMZ5936B	12.5	CMZ5936BP	12.5	CMZ5363B	40
33	CLL4752A	7.5	CMZ5937B	11.4	CMZ5937BP	11.4	CMZ5364B	40
36	CLL4753A	7.0	CMZ5938B	10.4	CMZ5938BP	10.4	CMZ5365B	30
39	CLL4754A	6.5	CMZ5939B	9.6	CMZ5939BP	9.6	CMZ5366B	30
43	CLL4755A	6.0	CMZ5940B	8.7	CMZ5940BP	8.7	CMZ5367B	30
47	CLL4756A	5.5	CMZ5941B	8.0	CMZ5941BP	8.0	CMZ5368B	25
51	CLL4757A	5.0	CMZ5942B	7.3	CMZ5942BP	7.3	CMZ5369B	25
56	CLL4758A	4.5	CMZ5943B	6.7	CMZ5943BP	6.7	CMZ5370B	20
60	-	-	-	-	-	-	CMZ5371B	20
62	CLL4759A	4.0	CMZ5944B	6.0	CMZ5944BP	6.0	CMZ5372B	20
68	CLL4760A	3.7	CMZ5945B	5.5	CMZ5945BP	5.5	CMZ5373B	20
75	CLL4761A	3.3	CMZ5946B	5.0	CMZ5946BP	5.0	CMZ5374B	20
82	-	3.0	CMZ5947B	4.6	CMZ5947BP	4.6	CMZ5375B	15
87	-	-	-	-	-	-	CMZ5376B	15
91	-	2.8	CMZ5948B	4.1	CMZ5948BP	4.1	CMZ5377B	15
100	-	2.5	CMZ5949B	3.7	CMZ5949BP	3.7	CMZ5378B	12
110	-	-	CMZ5950B	3.4	CMZ5950BP	3.4	CMZ5379B	12
120	-	-	CMZ5951B	3.1	CMZ5951BP	3.1	CMZ5380B	10
130	-	-	CMZ5952B	2.9	CMZ5952BP	2.9	CMZ5381B	10
140	-	-	-	-	-	-	CMZ5382B	8.0
150	-	-	CMZ5953B	2.5	CMZ5953BP	2.5	CMZ5383B	8.0
160	-	-	CMZ5954B	2.3	CMZ5954BP	2.3	CMZ5384B	8.0
170	-	-	-	-	-	-	CMZ5385B	8.0
180	-	-	CMZ5955B	2.1	CMZ5955BP	2.1	CMZ5386B	5.0
190	-	-	-	-	-	-	CMZ5387B	5.0
200	-	-	CMZ5956B	1.9	CMZ5956BP	1.9	CMZ5388B	5.0

Package dimensions shown are maximum values in mm.