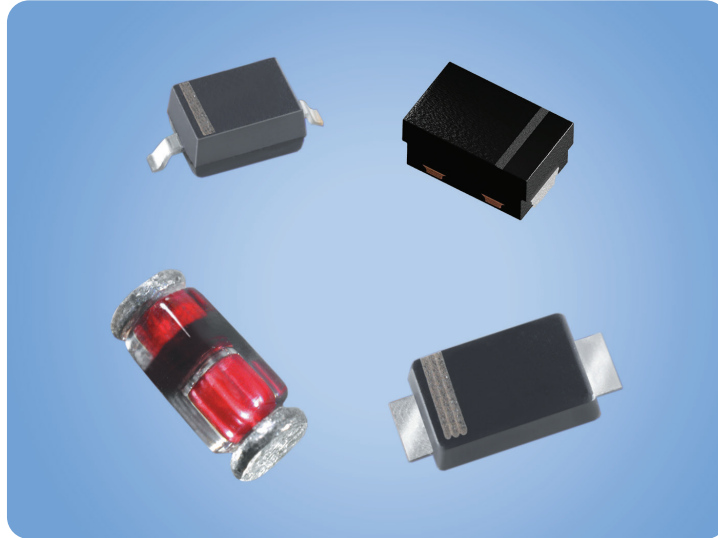




The DNA of tech.™

Zener Diodes Selector Guide



FEATURED PACKAGES

SOD-523

SOD-323

DO-219AC (MicroSMF)

SOD-123

SOT-23

DO-219AB (SMF)

DO-215AA

DO-220AA

DO-214AC (SMA)

DO-214AA

DFN1006-2A

MicroMELF (Glass)

QuadroMELF SOD-80 (Glass)

MiniMELF SOD-80 (Glass)

MELF DO-213AB (Glass)

MELF DO-213AB (Plastic)

DO-35 (Glass)

DO-41 (Glass)

DO-204AL (Plastic)

SOD-57 (Sinterglass)



The DNA of tech.™

Table of Contents

SOD-523.....3

SOD-323.....3

DO-219AC (MicroSMF)3

SOD-123.....3

DFN1006-2A.....3

SOT-234

DO-219AB (SMF).....4

DO-215AA4

DO-220AA (SMP).....4

DO-214AC (SMA)5

DO-214AA (SMB)5

MicroMELF (Glass)5

QuadroMELF SOD-80 (Glass)5

MiniMELF SOD-80 (Glass)6

MELF DO-213AB (Glass).....6

MELF DO-213AB (Plastic)6

DO-35 (Glass).....6

DO-41 (Glass).....7






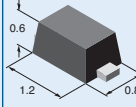
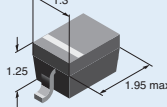
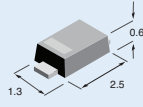
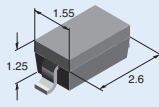
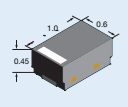
DO-204AL (Plastic).....7

SOD-57 (Sinterglass).....7



ZENER DIODES

The DNA of tech.™

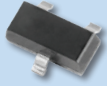


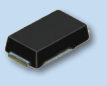
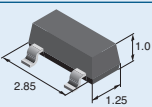
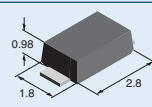
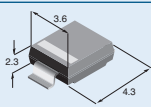
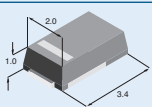
P _{tot} (mW)	Zener Voltage Range V _Z (V)	Zener Voltage Tolerances						
		5 %	2 %	SOD-523	SOD-323	DO-219AC (MicroSMF)	SOD-123	DFN1006-2A
Characteristics				Surface-Mount				
200	2.2 to 36	C		BZX584C*				
200	2.4 to 75	C	B		BZX384* , BZX384*-G			
200	2.02 to 36.87				GDZ* , GDZ*-G			
300	2.7 to 51	C	B					
300	2.4 to 75	C	B					
300	2.7 to 51	C	B					
300	3.0 to 75	B	C					
300	4.7 to 47		Std					BZX884L
350	2.4 to 6.2	Std						
350	2.4 to 43	Std						
410	2.4 to 75	C	B				BZT52* , BZT52*-G	
500	2.4 to 43	Std					MMSZ468* , MMSZ468*-G ⁽¹⁾	
500	3.0 to 75	B	C				MMSZ52* , MMSZ52*-G	
500	2 to 39		Std			PLZ*		
500	2.4 to 75	Std						
500	1.8 to 43	Std						
500	2.4 to 75	C	B					
500	2.4 to 36							
500	2.4 to 56							
800	3.6 to 200	Std						
1000	3.3 to 100	Std						
1000	3.9 to 100	Std						
1000	100 to 200	Std						
1250	3.3 to 100	Std						
1300	2.7 to 100	C	B					
1300	3.9 to 100	Std						
1500	3.9 to 36	Std						
1500	5.6 to 43	B						
1500	100 to 200	Std						
1500	9.1 to 68	B						
1500	5.6 to 68	B						
3000	10 to 270	Std						
3000	5.6 to 68	B						
3250	6.2 to 300	C						
6000	6.8 to 270	C						
Dimensions								
				SOD-523	SOD-323	DO-219AC	SOD-123	DFN1006-2A

⁽¹⁾ Specified at very low Zener current



ZENER DIODES

The DNA of tech.™




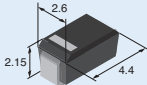
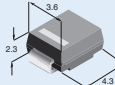
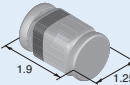
P _{tot} (mW)	Zener Voltage Range V _Z (V)	Zener Voltage Tolerances					
		5 %	2 %	SOT-23	DO-219AB (SMF)	DO-215AA	DO-220AA (SMP)
Characteristics				Surface-Mount			
200	2.4 to 51	C					
200	2.4 to 75	C	B				
200	2.02 to 36.87						
300	2.7 to 51	C	B	AZ23* AZ23*-G			
300	2.4 to 75	C	B	BZX84* BZX84*-G			
300	2.7 to 51	C	B	DZ23* DZ23*-G			
300	3.0 to 75	B	C				
350	2.4 to 6.2	Std					
350	2.4 to 43	Std					
410	2.4 to 75	C	B				
500	2.4 to 43	Std					
500	3.0 to 75	Std					
500	13 to 27		Std				
500	2.4 to 75	Std					
500	1.8 to 43	Std					
500	2.4 to 75	C	B				
500	2.4 to 36						
500	2.4 to 56						
800	3.6 to 200	Std			BZD27C* BZD27C*-M		
1000	3.3 to 100	Std					
1000	3.9 to 100	Std					
1000	100 to 200	Std					
1250	3.3 to 100	Std					
1300	2.7 to 100	C	B				
1300	3.9 to 100	Std					
1500	3.9 to 36	Std					PTV3.9B - 36B
1500	5.6 to 43	B					SMPZ3919B-3940B
1500	100 to 200	Std					
1500	9.1 to 68	B				SMZG3788B-3809B	
1500	5.6 to 68	B					
3000	10 to 270	Std					
3000	5.6 to 68	B					
3250	6.2 to 300	C					
6000	6.8 to 270	C					
Dimensions							
				SOT-23	DO-219AB (SMF)	DO-215AA	DO-220AA (SMP)

(1) Specified at very low Zener current



ZENER DIODES

The DNA of tech.™

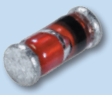

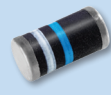

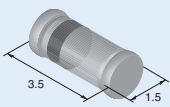
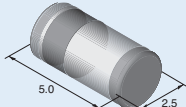
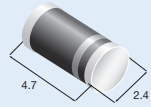
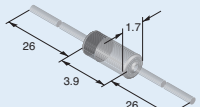
P _{tot} (mW)	Zener Voltage Range V _Z (V)	Zener Voltage Tolerances				
		5 %	2 %	DO-214AC (SMA)	DO-214AA (SMB)	MicroMELF (Glass)
Characteristics				Surface-Mount		
200	2.4 to 51	C				
200	2.4 to 75	C	B			
200	2.02 to 36.87					
300	2.7 to 51	C	B			
300	2.4 to 75	C	B			
300	2.7 to 51	C	B			
300	3.0 to 75	B	C			
350	2.4 to 6.2	Std				
350	2.4 to 43	Std				
410	2.4 to 75	C	B			
500	2.4 to 43	Std				
500	3.0 to 75	Std				
500	13 to 27		Std			
500	2.4 to 75	Std				
500	1.8 to 43	Std				
500	2.4 to 75	C	B			BZM55 Series
500	2.4 to 36					
500	2.4 to 56					
800	3.6 to 200	Std				
1000	3.3 to 100	Std		SML4738A to SML4764A		
1000	3.9 to 100	Std				
1000	100 to 200	Std				
1250	3.3 to 100	Std		BZG05C Series		
1300	2.7 to 100	C	B			
1300	3.9 to 100	Std				
1500	3.9 to 36	Std				
1500	5.6 to 43	B				
1500	100 to 200	Std				
1500	9.1 to 68	B			SMZJ3788B-3809B	
1500	5.6 to 68	B		SMAZ5919B-5945B		
3000	10 to 270	Std		BZG03C Series		
3000	5.6 to 68	B			SMBZ5919B-5945B	
3250	6.2 to 300	C				
6000	6.8 to 270	C				
Dimensions						
				DO-214AC (SMA)	DO-214AA (SMB)	MicroMELF

⁽¹⁾ Specified at very low Zener current



The DNA of tech.™




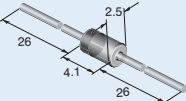
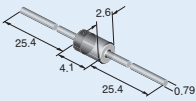
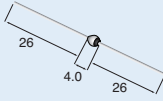
ZENER DIODES

P _{tot} (mW)	Zener Voltage Range V _Z (V)	Zener Voltage Tolerances					
		5 %	2 %	MiniMELF SOD-80 (Glass)	MELF DO-213AB (Glass)	MELF DO-213AB (Plastic)	DO-35 (Glass)
Characteristics				Surface-Mount			Leaded
200	2.4 to 51	C					
200	2.4 to 75	C	B				
200	2.02 to 36.87						
300	2.7 to 51	C	B				
300	2.4 to 75	C	B				
300	2.7 to 51	C	B				
300	3.0 to 75	B	C				
350	2.4 to 6.2	Std					
350	2.4 to 43	Std					
410	2.4 to 75	C	B				
500	2.4 to 43	Std					
500	3.0 to 75	Std					
500	13 to 27		Std				
500	2.4 to 75	Std		TZM5221B-5267B			1N5221B - 5267B
500	1.8 to 43	Std					
500	2.4 to 75	C	B	TZM* TZM*-M			BZX55 Series
500	2.4 to 36						TZX Series
500	2.4 to 56			TLZ Series			
800	3.6 to 200	Std					
1000	3.3 to 100	Std			ZM4728A-4764A		
1000	3.9 to 100	Std			ZMY Series		
1000	100 to 200	Std				ZGL41 Series	
1250	3.3 to 100	Std					
1300	2.7 to 100	C	B				
1300	3.9 to 100	Std					
1500	3.9 to 36	Std					
1500	5.6 to 43	B					
1500	100 to 200	Std					
1500	9.1 to 68	B					
1500	5.6 to 68	B					
3000	10 to 270	Std					
3000	5.6 to 68	B					
3250	6.2 to 300	C					
6000	6.8 to 270	C					
Dimensions							
				MiniMELF	MELF	DO-213AB Plastic	DO-35



The DNA of tech.™

ZENER DIODES

P _{tot} (mW)	Zener Voltage Range V _Z (V)	Zener Voltage Tolerances				
		5 %	2 %	DO-41 (Glass)	DO-204AL (Plastic)	SOD-57 (Sinterglass)
Characteristics				Leaded		
200	2.4 to 51	C				
200	2.4 to 75	C	B			
200	2.02 to 36.87					
300	2.7 to 51	C	B			
300	2.4 to 75	C	B			
300	2.7 to 51	C	B			
300	3.0 to 75	B	C			
350	2.4 to 6.2	Std				
350	2.4 to 43	Std				
410	2.4 to 75	C	B			
500	2.4 to 43	Std				
500	3.0 to 75	Std				
500	13 to 27		Std			
500	2.4 to 75	Std				
500	1.8 to 43	Std				
500	2.4 to 75	C	B			
500	2.4 to 36					
500	2.4 to 56					
800	3.6 to 200	Std				
1000	3.3 to 100	Std		1N4728A-4761A		
1000	3.9 to 100	Std				
1000	100 to 200	Std				
1250	3.3 to 100	Std				
1300	2.7 to 100	C	B	BZX85 Series		
1300	3.9 to 100	Std		ZPY Series		
1500	3.9 to 36	Std				
1500	5.6 to 43	B				
1500	100 to 200	Std			Z4KE Series	
1500	9.1 to 68	B				
1500	5.6 to 68	B				
3000	10 to 270	Std				
3000	5.6 to 68	B				
3250	6.2 to 300	C				BZT03 Series
6000	6.8 to 270	C				
Dimensions						
				DO-41	DO-204AL Plastic	SOD-57 (Sinterglass)