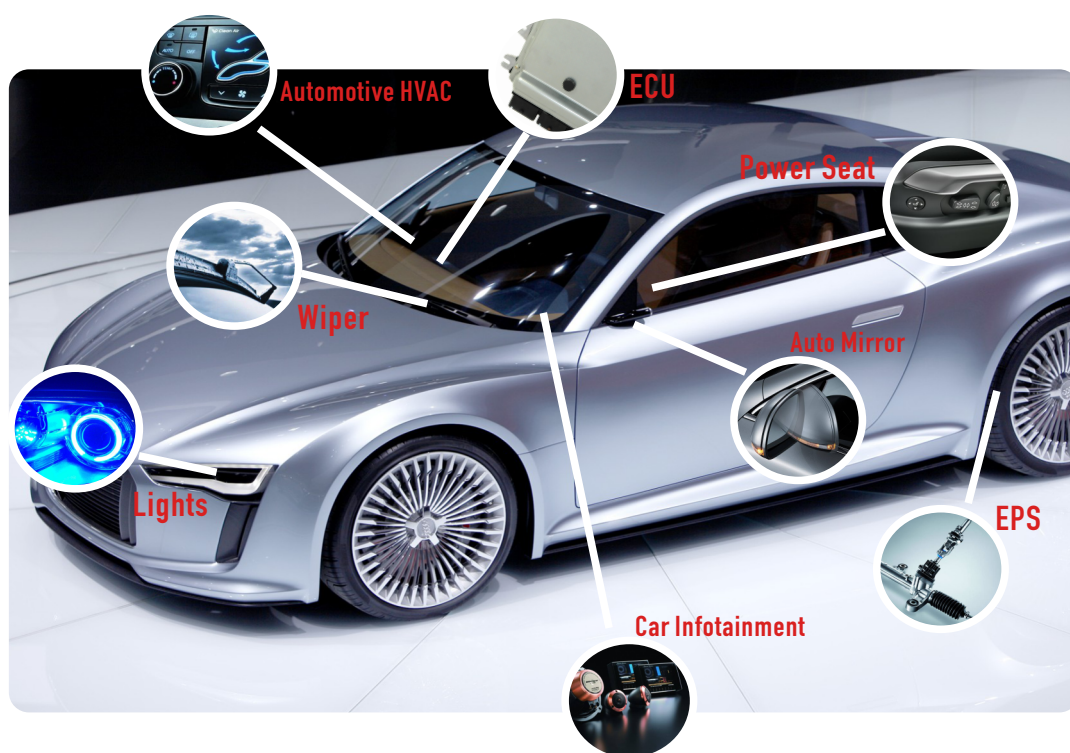


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SMA Series Automotive Grade Zener Diodes.....01 ~ 04

SMB Series Automotive Grade Zener Diodes.....05 ~ 07



- High Reliability and Automotive Grade
- AEC-Q101 Qualified
- Wide Range Products Portfolio(1w~5w for Zener)
- Moisture Sensitivity Level 1
- Halogen Free Version Available Upon Request

SMA Series Automotive Grade Zener Diodes

Part Number	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Package
	P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{1T} (Ω)	Z _{1K} (Ω)	I _{ZK} (mA)	
3SMAJ5925BHE3	3.0	0.0050	8.0	10.0	37.5	4.5	500	0.3	SMA
3SMAJ5926BHE3	3.0	0.0010	8.4	11.0	34.1	5.5	550	0.3	SMA
3SMAJ5927BHE3	3.0	0.0010	9.1	12.0	31.2	6.5	550	0.3	SMA
3SMAJ5928BHE3	3.0	0.0010	9.9	13.0	28.8	7.0	550	0.3	SMA
3SMAJ5929BHE3	3.0	0.0010	11.4	15.0	25.0	9.0	600	0.3	SMA
3SMAJ5930BHE3	3.0	0.0010	12.2	16.0	23.4	10.0	600	0.3	SMA
3SMAJ5931BHE3	3.0	0.0010	13.7	18.0	20.8	12.0	650	0.3	SMA
3SMAJ5932BHE3	3.0	0.0010	15.2	20.0	18.7	14.0	650	0.3	SMA
3SMAJ5933BHE3	3.0	0.0010	16.7	22.0	17.0	17.5	650	0.3	SMA
3SMAJ5934BHE3	3.0	0.0010	18.2	24.0	15.6	19.0	700	0.3	SMA
3SMAJ5935BHE3	3.0	0.0010	20.6	27.0	13.9	23.0	700	0.3	SMA
3SMAJ5936BHE3	3.0	0.0010	22.8	30.0	12.5	28.0	750	0.3	SMA
3SMAJ5937BHE3	3.0	0.0010	25.1	33.0	11.4	33.0	800	0.3	SMA
3SMAJ5938BHE3	3.0	0.0010	27.4	36.0	10.4	38.0	850	0.3	SMA
3SMAJ5939BHE3	3.0	0.0010	29.7	39.0	9.6	45.0	900	0.3	SMA
3SMAJ5940BHE3	3.0	0.0010	32.7	43.0	8.7	53.0	950	0.3	SMA
3SMAJ5941BHE3	3.0	0.0010	35.8	47.0	8.0	67.0	1000	0.3	SMA
3SMAJ5942BHE3	3.0	0.0010	38.8	51.0	7.3	70.0	1100	0.3	SMA
3SMAJ5943BHE3	3.0	0.0010	42.6	56.0	6.7	86.0	1300	0.3	SMA
3SMAJ5944BHE3	3.0	0.0010	47.1	62.0	6.0	100.0	1500	0.3	SMA
3SMAJ5945BHE3	3.0	0.0010	51.7	68.0	5.5	120.0	1700	0.3	SMA
3SMAJ5946BHE3	3.0	0.0010	56.0	75.0	5.0	140.0	2000	0.3	SMA
3SMAJ5947BHE3	3.0	0.0010	62.2	82.0	4.6	160.0	2500	0.3	SMA
3SMAJ5948BHE3	3.0	0.0010	69.2	91.0	4.1	200.0	3000	0.3	SMA
3SMAJ5949BHE3	3.0	0.0010	76.0	100.0	3.7	250.0	3100	0.3	SMA
3SMAJ5950BHE3	3.0	0.0010	83.6	110.0	3.4	300.0	4000	0.3	SMA
3SMAJ5951BHE3	3.0	0.0010	91.2	120.0	3.1	380.0	4500	0.3	SMA
3SMAJ5952BHE3	3.0	0.0010	98.8	130.0	2.9	450.0	5000	0.3	SMA
3SMAJ5953BHE3	3.0	0.0010	114.0	150.0	2.5	600.0	6000	0.3	SMA
3SMAJ5954BHE3	3.0	0.0010	121.6	160.0	2.3	700.0	6500	0.3	SMA
3SMAJ5955BHE3	3.0	0.0010	136.8	180.0	2.1	900.0	7000	0.3	SMA
3SMAJ5956BHE3	3.0	0.0010	152.0	200.0	1.9	1200.0	8000	0.3	SMA
SMA1EZ110D5HE3	1.0	0.0001	83.6	110.0	2.3	450.0	4000	0.3	SMA
SMA1EZ120D5HE3	1.0	0.0001	91.2	120.0	2.0	550.0	4500	0.3	SMA
SMA1EZ130D5HE3	1.0	0.0001	98.8	130.0	1.9	700.0	5000	0.3	SMA
SMA1EZ150D5HE3	1.0	0.0001	114.0	150.0	1.7	1000.0	6000	0.3	SMA
SMA1EZ160D5HE3	1.0	0.0001	121.6	160.0	1.6	1100.0	6500	0.3	SMA
SMA1EZ180D5HE3	1.0	0.0001	136.8	180.0	1.4	1200.0	7000	0.3	SMA
SMA1EZ200D5HE3	1.0	0.0001	152.0	200.0	1.2	1900.0	9990	0.3	SMA
SMA1EZ220D5HE3	1.0	0.0001	167.2	220.0	1.0	1600.0	8000	0.3	SMA
SMA1EZ240D5HE3	1.0	0.0001	182.4	240.0	0.9	1800.0	8500	0.3	SMA
SMA1EZ250D5HE3	1.0	0.0001	190.0	250.0	0.9	2000.0	9000	0.3	SMA
SMA1EZ270D5HE3	1.0	0.0001	205.0	270.0	0.8	2100.0	9000	0.3	SMA
SMA1EZ300D5HE3	1.0	0.0001	228.0	300.0	0.8	2300.0	9500	0.3	SMA



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SMA Series Automotive Grade Zener Diodes

Part Number	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Package
	P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{TT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)	
SMA1EZ330D5HE3	1.0	0.0001	250.2	330.0	0.7	2500.0	9500	0.3	SMA
SMA2EZ10D5HE3	2.0	0.0030	7.6	10.0	50.0	3.5	700	0.3	SMA
SMA2EZ11D5HE3	2.0	0.0010	8.4	11.0	44.5	4.0	700	0.3	SMA
SMA2EZ12D5HE3	2.0	0.0010	9.1	12.0	41.5	4.5	700	0.3	SMA
SMA2EZ13D5HE3	2.0	0.0005	9.9	13.0	38.5	5.0	700	0.3	SMA
SMA2EZ14D5HE3	2.0	0.0005	10.6	14.0	35.7	5.5	700	0.3	SMA
SMA2EZ15D5HE3	2.0	0.0005	11.4	15.0	33.4	7.0	700	0.3	SMA
SMA2EZ16D5HE3	2.0	0.0005	12.2	16.0	31.2	8.0	700	0.3	SMA
SMA2EZ17D5HE3	2.0	0.0005	13.0	17.0	29.4	9.0	750	0.3	SMA
SMA2EZ18D5HE3	2.0	0.0005	13.7	18.0	27.8	10.0	750	0.3	SMA
SMA2EZ19D5HE3	2.0	0.0005	14.4	19.0	26.3	11.0	750	0.3	SMA
SMA2EZ20D5HE3	2.0	0.0005	15.2	20.0	25.0	11.0	750	0.3	SMA
SMA2EZ22D5HE3	2.0	0.0005	16.7	22.0	22.8	12.0	750	0.3	SMA
SMA2EZ24D5HE3	2.0	0.0005	18.2	24.0	20.8	13.0	750	0.3	SMA
SMA2EZ27D5HE3	2.0	0.0005	20.6	27.0	18.5	18.0	750	0.3	SMA
SMA2EZ30D5HE3	2.0	0.0005	22.5	30.0	16.6	20.0	1000	0.3	SMA
SMA2EZ33D5HE3	2.0	0.0005	25.1	33.0	15.1	23.0	1000	0.3	SMA
SMA2EZ36D5HE3	2.0	0.0005	27.4	36.0	13.9	25.0	1000	0.3	SMA
SMA2EZ39D5HE3	2.0	0.0005	29.7	39.0	12.8	30.0	1000	0.3	SMA
SMA2EZ43D5HE3	2.0	0.0005	32.7	43.0	11.6	35.0	1500	0.3	SMA
SMA2EZ47D5HE3	2.0	0.0005	35.8	47.0	10.6	40.0	1500	0.3	SMA
SMA2EZ51D5HE3	2.0	0.0005	38.8	51.0	9.8	48.0	1500	0.3	SMA
SMA2EZ56D5HE3	2.0	0.0005	42.6	56.0	9.0	55.0	2000	0.3	SMA
SMA2EZ62D5HE3	2.0	0.0005	47.1	62.0	8.1	60.0	2000	0.3	SMA
SMA2EZ68D5HE3	2.0	0.0005	51.7	68.0	7.4	75.0	2000	0.3	SMA
SMA2EZ75D5HE3	2.0	0.0005	56.0	75.0	6.7	90.0	2000	0.3	SMA
SMAJ4740AHE3	1.0	0.0100	7.6	10.0	25.0	7.0	700	0.3	SMA
SMAJ4741AHE3	1.0	0.0050	8.4	11.0	23.0	8.0	700	0.3	SMA
SMAJ4742AHE3	1.0	0.0050	9.1	12.0	21.0	9.0	700	0.3	SMA
SMAJ4743AHE3	1.0	0.0050	9.9	13.0	19.0	10.0	700	0.3	SMA
SMAJ4744AHE3	1.0	0.0050	11.4	15.0	17.0	14.0	700	0.3	SMA
SMAJ4745AHE3	1.0	0.0050	12.2	16.0	15.5	16.0	700	0.3	SMA
SMAJ4746AHE3	1.0	0.0050	13.7	18.0	14.0	20.0	750	0.3	SMA
SMAJ4747AHE3	1.0	0.0050	15.2	20.0	12.5	22.0	750	0.3	SMA
SMAJ4748AHE3	1.0	0.0050	16.7	22.0	11.5	23.0	750	0.3	SMA
SMAJ4749AHE3	1.0	0.0050	18.2	24.0	10.5	25.0	750	0.3	SMA
SMAJ4750AHE3	1.0	0.0050	20.6	27.0	9.5	35.0	750	0.3	SMA
SMAJ4751AHE3	1.0	0.0050	22.8	30.0	8.5	40.0	1000	0.3	SMA
SMAJ4752AHE3	1.0	0.0050	25.1	33.0	7.5	45.0	1000	0.3	SMA
SMAJ4753AHE3	1.0	0.0050	27.4	36.0	7.0	50.0	1000	0.3	SMA
SMAJ4754AHE3	1.0	0.0050	29.7	39.0	6.5	60.0	1000	0.3	SMA
SMAJ4755AHE3	1.0	0.0050	32.7	43.0	6.0	70.0	1500	0.3	SMA
SMAJ4756AHE3	1.0	0.0050	35.8	47.0	5.5	80.0	1500	0.3	SMA
SMAJ4757AHE3	1.0	0.0050	38.8	51.0	5.0	95.0	1500	0.3	SMA



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SMA Series Automotive Grade Zener Diodes

Part Number	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Package
	P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{1T} (Ω)	Z _{1K} (Ω)	I _{ZK} (mA)	
SMAJ4758AHE3	1.0	0.0050	42.6	56.0	4.5	110.0	2000	0.3	SMA
SMAJ4759AHE3	1.0	0.0050	47.1	62.0	4.0	125.0	2000	0.3	SMA
SMAJ4760AHE3	1.0	0.0050	51.7	68.0	3.7	150.0	2000	0.3	SMA
SMAJ4761AHE3	1.0	0.0050	56.0	75.0	3.3	175.0	2000	0.3	SMA
SMAJ4762AHE3	1.0	0.0050	62.2	82.0	3.0	200.0	3000	0.3	SMA
SMAJ4763AHE3	1.0	0.0050	69.2	91.0	2.8	250.0	3000	0.3	SMA
SMAJ4764AHE3	1.0	0.0050	76.0	100.0	2.5	350.0	3000	0.3	SMA
SMAJ5925BHE3	1.5	0.0050	8.0	10.0	37.5	4.5	500	0.3	SMA
SMAJ5926BHE3	1.5	0.0010	8.4	11.0	34.1	5.5	550	0.3	SMA
SMAJ5927BHE3	1.5	0.0010	9.1	12.0	31.2	6.5	550	0.3	SMA
SMAJ5928BHE3	1.5	0.0010	9.9	13.0	28.8	7.0	550	0.3	SMA
SMAJ5929BHE3	1.5	0.0010	11.4	15.0	25.0	9.0	600	0.3	SMA
SMAJ5930BHE3	1.5	0.0010	12.2	16.0	23.4	10.0	600	0.3	SMA
SMAJ5931BHE3	1.5	0.0010	13.7	18.0	20.8	12.0	650	0.3	SMA
SMAJ5932BHE3	1.5	0.0010	15.2	20.0	18.7	14.0	650	0.3	SMA
SMAJ5933BHE3	1.5	0.0010	16.7	22.0	17.0	17.5	650	0.3	SMA
SMAJ5934BHE3	1.5	0.0010	18.2	24.0	15.6	19.0	700	0.3	SMA
SMAJ5935BHE3	1.5	0.0010	20.6	27.0	13.9	23.0	700	0.3	SMA
SMAJ5936BHE3	1.5	0.0010	22.8	30.0	12.5	28.0	750	0.3	SMA
SMAJ5937BHE3	1.5	0.0010	25.1	33.0	11.4	33.0	800	0.3	SMA
SMAJ5938BHE3	1.5	0.0010	27.4	36.0	10.4	38.0	850	0.3	SMA
SMAJ5939BHE3	1.5	0.0010	29.7	39.0	9.6	45.0	900	0.3	SMA
SMAJ5940BHE3	1.5	0.0010	32.7	43.0	8.7	53.0	950	0.3	SMA
SMAJ5941BHE3	1.5	0.0010	35.8	47.0	8.0	67.0	1000	0.3	SMA
SMAJ5942BHE3	1.5	0.0010	38.8	51.0	7.3	70.0	1100	0.3	SMA
SMAJ5943BHE3	1.5	0.0010	42.6	56.0	6.7	86.0	1300	0.3	SMA
SMAJ5944BHE3	1.5	0.0010	47.1	62.0	6.0	100.0	1500	0.3	SMA
SMAJ5945BHE3	1.5	0.0010	51.7	68.0	5.5	120.0	1700	0.3	SMA
SMAJ5946BHE3	1.5	0.0010	56.0	75.0	5.0	140.0	2000	0.3	SMA
SMAJ5947BHE3	1.5	0.0010	62.2	82.0	4.6	160.0	2500	0.3	SMA
SMAJ5948BHE3	1.5	0.0010	69.2	91.0	4.1	200.0	3000	0.3	SMA
SMAJ5949BHE3	1.5	0.0010	76.0	100.0	3.7	250.0	3100	0.3	SMA
SMAJ5950BHE3	1.5	0.0010	83.6	110.0	3.4	300.0	4000	0.3	SMA
SMAJ5951BHE3	1.5	0.0010	91.2	120.0	3.1	380.0	4500	0.3	SMA
SMAJ5952BHE3	1.5	0.0010	98.8	130.0	2.9	450.0	5000	0.3	SMA
SMAJ5953BHE3	1.5	0.0010	114.0	150.0	2.5	600.0	6000	0.3	SMA
SMAJ5954BHE3	1.5	0.0010	121.6	160.0	2.3	700.0	6500	0.3	SMA
SMAJ5955BHE3	1.5	0.0010	136.8	180.0	2.1	900.0	7000	0.3	SMA
SMAJ5956BHE3	1.5	0.0010	152.0	200.0	1.9	1200.0	8000	0.3	SMA
SMAZ10HE3	1.0	0.0010	7.6	10.0	50.0	4.0	200	1.0	SMA
SMAZ12HE3	1.0	0.0010	9.1	12.0	50.0	7.0	150	1.0	SMA
SMAZ15HE3	1.0	0.0010	11.4	15.0	50.0	10.0	150	1.0	SMA
SMAZ16HE3	1.0	0.0005	12.2	16.0	25.0	15.0	150	1.0	SMA
SMAZ18HE3	1.0	0.0005	13.7	18.0	25.0	15.0	150	1.0	SMA



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▶ SMA Series Automotive Grade Zener Diodes

Part Number	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Package
	P_D (W)	I_R (mA)	V_R (V)	V_Z (V)	I_{ZT} (mA)	Z_{ZT} (Ω)	Z_{ZK} (Ω)	I_{ZK} (mA)	
SMAZ20HE3	1.0	0.0005	15.2	20.0	25.0	15.0	180	1.0	SMA
SMAZ22HE3	1.0	0.0005	16.7	22.0	25.0	15.0	180	1.0	SMA
SMAZ24HE3	1.0	0.0005	18.2	24.0	25.0	15.0	180	1.0	SMA
SMAZ27HE3	1.0	0.0005	20.5	27.0	25.0	15.0	200	1.0	SMA
SMAZ30HE3	1.0	0.0005	22.8	30.0	25.0	15.0	250	1.0	SMA
SMAZ33HE3	1.0	0.0005	25.1	33.0	25.0	15.0	300	1.0	SMA
SMAZ36HE3	1.0	0.0005	27.4	36.0	10.0	40.0	350	1.0	SMA
SMAZ39HE3	1.0	0.0005	29.6	39.0	10.0	40.0	450	1.0	SMA



SMA

SMB Series Automotive Grade Zener Diodes

Part Number	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Package
	P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{1T} (Ω)	Z _{1K} (Ω)	I _{ZK} (mA)	
3SMBJ5925BHE3	3.0	0.0050	8.0	10.0	37.5	4.5	500	0.3	SMB
3SMBJ5926BHE3	3.0	0.0010	8.4	11.0	34.1	5.5	550	0.3	SMB
3SMBJ5927BHE3	3.0	0.0010	9.1	12.0	31.2	6.5	550	0.3	SMB
3SMBJ5928BHE3	3.0	0.0010	9.9	13.0	28.8	7.0	550	0.3	SMB
3SMBJ5929BHE3	3.0	0.0010	11.4	15.0	25.0	9.0	600	0.3	SMB
3SMBJ5930BHE3	3.0	0.0010	12.2	16.0	23.4	10.0	600	0.3	SMB
3SMBJ5931BHE3	3.0	0.0010	13.7	18.0	20.8	12.0	650	0.3	SMB
3SMBJ5932BHE3	3.0	0.0010	15.2	20.0	18.7	14.0	650	0.3	SMB
3SMBJ5933BHE3	3.0	0.0010	16.7	22.0	17.0	17.5	650	0.3	SMB
3SMBJ5934BHE3	3.0	0.0010	18.2	24.0	15.6	19.0	700	0.3	SMB
3SMBJ5935BHE3	3.0	0.0010	20.6	27.0	13.9	23.0	700	0.3	SMB
3SMBJ5936BHE3	3.0	0.0010	22.8	30.0	12.5	28.0	750	0.3	SMB
3SMBJ5937BHE3	3.0	0.0010	25.1	33.0	11.4	33.0	800	0.3	SMB
3SMBJ5938BHE3	3.0	0.0010	27.4	36.0	10.4	38.0	850	0.3	SMB
3SMBJ5939BHE3	3.0	0.0010	29.7	39.0	9.6	45.0	900	0.3	SMB
3SMBJ5940BHE3	3.0	0.0010	32.7	43.0	8.7	53.0	950	0.3	SMB
3SMBJ5941BHE3	3.0	0.0010	35.8	47.0	8.0	67.0	1000	0.3	SMB
3SMBJ5942BHE3	3.0	0.0010	38.8	51.0	7.3	70.0	1100	0.3	SMB
3SMBJ5943BHE3	3.0	0.0010	42.6	56.0	6.7	86.0	1300	0.3	SMB
3SMBJ5944BHE3	3.0	0.0010	47.1	62.0	6.0	100.0	1500	0.3	SMB
3SMBJ5945BHE3	3.0	0.0010	51.7	68.0	5.5	120.0	1700	0.3	SMB
3SMBJ5946BHE3	3.0	0.0010	56.0	75.0	5.0	140.0	2000	0.3	SMB
3SMBJ5947BHE3	3.0	0.0010	62.2	82.0	4.6	160.0	2500	0.3	SMB
3SMBJ5948BHE3	3.0	0.0010	69.2	91.0	4.1	200.0	3000	0.3	SMB
3SMBJ5949BHE3	3.0	0.0010	76.0	100.0	3.7	250.0	3100	0.3	SMB
3SMBJ5950BHE3	3.0	0.0010	83.6	110.0	3.4	300.0	4000	0.3	SMB
3SMBJ5951BHE3	3.0	0.0010	91.2	120.0	3.1	380.0	4500	0.3	SMB
3SMBJ5952BHE3	3.0	0.0010	98.8	130.0	2.9	450.0	5000	0.3	SMB
3SMBJ5953BHE3	3.0	0.0010	114.0	150.0	2.5	600.0	6000	0.3	SMB
3SMBJ5954BHE3	3.0	0.0010	121.6	160.0	2.3	700.0	6500	0.3	SMB
3SMBJ5955BHE3	3.0	0.0010	136.8	180.0	2.1	900.0	7000	0.3	SMB
3SMBJ5956BHE3	3.0	0.0010	152.0	200.0	1.9	1200.0	8000	0.3	SMB
SMB2EZ10D5HE3	2.0	0.0030	7.6	10.0	50.0	3.5	700	0.3	SMB
SMB2EZ11D5HE3	2.0	0.0010	8.4	11.0	45.5	4.0	700	0.3	SMB
SMB2EZ12D5HE3	2.0	0.0010	9.1	12.0	41.5	4.5	700	0.3	SMB
SMB2EZ13D5HE3	2.0	0.0005	9.9	13.0	38.5	5.0	700	0.3	SMB
SMB2EZ14D5HE3	2.0	0.0005	10.6	14.0	35.7	5.5	700	0.3	SMB
SMB2EZ15D5HE3	2.0	0.0005	11.4	15.0	33.4	7.0	700	0.3	SMB
SMB2EZ16D5HE3	2.0	0.0005	12.2	16.0	31.2	8.0	700	0.3	SMB
SMB2EZ17D5HE3	2.0	0.0005	13.0	17.0	29.4	9.0	750	0.3	SMB
SMB2EZ18D5HE3	2.0	0.0005	13.7	18.0	27.8	10.0	750	0.3	SMB
SMB2EZ19D5HE3	2.0	0.0005	14.4	19.0	26.3	11.0	750	0.3	SMB
SMB2EZ20D5HE3	2.0	0.0005	15.2	20.0	25.0	11.0	750	0.3	SMB
SMB2EZ22D5HE3	2.0	0.0005	16.7	22.0	22.8	12.0	750	0.3	SMB



SMB

SMB Series Automotive Grade Zener Diodes

Part Number	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Package
	P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{TT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)	
SMB2EZ24D5HE3	2.0	0.0005	18.2	24.0	20.8	13.0	750	0.3	SMB
SMB2EZ27D5HE3	2.0	0.0005	20.6	27.0	18.5	18.0	750	0.3	SMB
SMB2EZ30D5HE3	2.0	0.0005	22.5	30.0	16.6	20.0	1000	0.3	SMB
SMB2EZ33D5HE3	2.0	0.0005	25.1	33.0	15.1	23.0	1000	0.3	SMB
SMB2EZ36D5HE3	2.0	0.0005	27.4	36.0	13.9	25.0	1000	0.3	SMB
SMB2EZ39D5HE3	2.0	0.0005	29.7	39.0	12.8	30.0	1000	0.3	SMB
SMB2EZ43D5HE3	2.0	0.0005	32.7	43.0	11.6	35.0	1500	0.3	SMB
SMB2EZ47D5HE3	2.0	0.0005	35.8	47.0	10.6	40.0	1500	0.3	SMB
SMB2EZ51D5HE3	2.0	0.0005	38.8	51.0	9.8	48.0	1500	0.3	SMB
SMB2EZ56D5HE3	2.0	0.0005	42.6	56.0	9.0	55.0	2000	0.3	SMB
SMB2EZ62D5HE3	2.0	0.0005	47.1	62.0	8.1	60.0	2000	0.3	SMB
SMB2EZ68D5HE3	2.0	0.0005	51.7	68.0	7.4	75.0	2000	0.3	SMB
SMB2EZ75D5HE3	2.0	0.0005	56.0	75.0	6.7	90.0	2000	0.3	SMB
SMBJ5347BHE3	5.0	0.0050	7.6	10.0	125.0	2.0	125	1.0	SMB
SMBJ5348BHE3	5.0	0.0050	8.4	11.0	125.0	2.5	125	1.0	SMB
SMBJ5349BHE3	5.0	0.0020	9.1	12.0	100.0	2.5	125	1.0	SMB
SMBJ5350BHE3	5.0	0.0010	9.9	13.0	100.0	2.5	100	1.0	SMB
SMBJ5351BHE3	5.0	0.0010	10.6	14.0	100.0	2.5	75	1.0	SMB
SMBJ5352BHE3	5.0	0.0010	11.5	15.0	75.0	2.5	75	1.0	SMB
SMBJ5353BHE3	5.0	0.0010	12.2	16.0	75.0	2.5	75	1.0	SMB
SMBJ5354BHE3	5.0	0.0005	12.9	17.0	70.0	2.5	75	1.0	SMB
SMBJ5355BHE3	5.0	0.0005	13.7	18.0	65.0	2.5	75	1.0	SMB
SMBJ5356BHE3	5.0	0.0005	14.4	19.0	65.0	3.0	75	1.0	SMB
SMBJ5357BHE3	5.0	0.0005	15.2	20.0	65.0	3.0	75	1.0	SMB
SMBJ5358BHE3	5.0	0.0005	16.7	22.0	50.0	3.5	75	1.0	SMB
SMBJ5359BHE3	5.0	0.0005	18.2	24.0	50.0	3.5	100	1.0	SMB
SMBJ5360BHE3	5.0	0.0005	19.0	25.0	50.0	4.0	110	1.0	SMB
SMBJ5361BHE3	5.0	0.0005	20.6	27.0	50.0	5.0	120	1.0	SMB
SMBJ5362BHE3	5.0	0.0005	21.2	28.0	50.0	6.0	130	1.0	SMB
SMBJ5363BHE3	5.0	0.0005	22.8	30.0	40.0	8.0	140	1.0	SMB
SMBJ5364BHE3	5.0	0.0005	25.1	33.0	40.0	10.0	150	1.0	SMB
SMBJ5365BHE3	5.0	0.0005	27.4	36.0	30.0	11.0	160	1.0	SMB
SMBJ5366BHE3	5.0	0.0005	29.7	39.0	30.0	14.0	170	1.0	SMB
SMBJ5367BHE3	5.0	0.0005	32.7	43.0	30.0	20.0	190	1.0	SMB
SMBJ5368BHE3	5.0	0.0005	35.8	47.0	25.0	25.0	210	1.0	SMB
SMBJ5369BHE3	5.0	0.0005	38.8	51.0	25.0	27.0	230	1.0	SMB
SMBJ5370BHE3	5.0	0.0005	42.6	56.0	20.0	35.0	280	1.0	SMB
SMBJ5371BHE3	5.0	0.0005	45.5	60.0	20.0	40.0	350	1.0	SMB
SMBJ5372BHE3	5.0	0.0005	47.1	62.0	20.0	42.0	400	1.0	SMB
SMBJ5373BHE3	5.0	0.0005	51.7	68.0	20.0	44.0	500	1.0	SMB
SMBJ5374BHE3	5.0	0.0005	56.0	75.0	20.0	45.0	620	1.0	SMB
SMBJ5375BHE3	5.0	0.0005	62.2	82.0	15.0	65.0	720	1.0	SMB
SMBJ5376BHE3	5.0	0.0005	66.0	87.0	15.0	75.0	760	1.0	SMB
SMBJ5377BHE3	5.0	0.0005	69.2	91.0	15.0	75.0	760	1.0	SMB



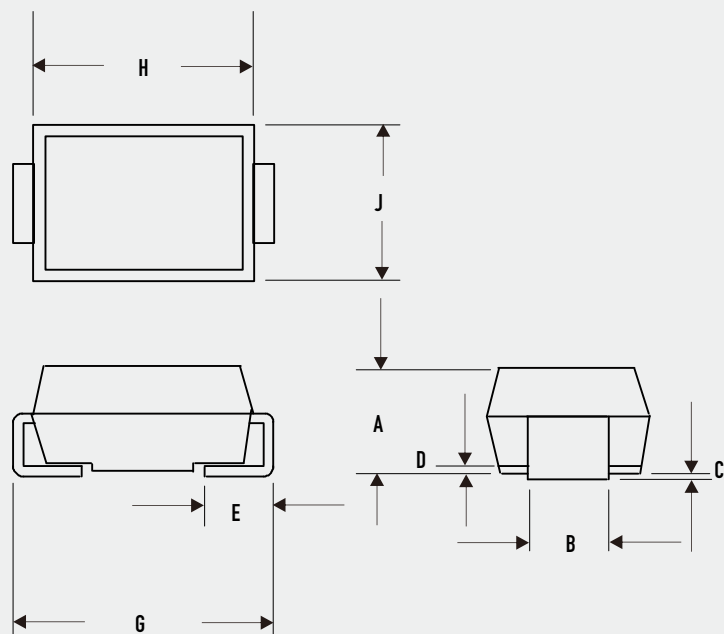
SMB

SMB Series Automotive Grade Zener Diodes

Part Number	Power Rating	Maximum Reverse Leakage Current		Nominal Zener Voltage		Maximum Zener Impedance			Package
	P _D (W)	I _R (mA)	V _R (V)	V _Z (V)	I _{ZT} (mA)	Z _{VT} (Ω)	Z _{ZK} (Ω)	I _{ZK} (mA)	
SMBJ5378BHE3	5.0	0.0005	76.0	100.0	12.0	90.0	800	1.0	SMB
SMBJ5379BHE3	5.0	0.0005	83.6	110.0	12.0	125.0	1000	1.0	SMB
SMBJ5380BHE3	5.0	0.0005	91.2	120.0	10.0	170.0	1150	1.0	SMB
SMBJ5381BHE3	5.0	0.0005	98.8	130.0	10.0	190.0	1250	1.0	SMB
SMBJ5382BHE3	5.0	0.0005	106.0	140.0	8.0	230.0	1500	1.0	SMB
SMBJ5383BHE3	5.0	0.0005	114.0	150.0	8.0	330.0	1500	1.0	SMB
SMBJ5384BHE3	5.0	0.0005	122.0	160.0	8.0	350.0	1650	1.0	SMB
SMBJ5385BHE3	5.0	0.0005	129.0	170.0	8.0	380.0	1750	1.0	SMB
SMBJ5386BHE3	5.0	0.0005	137.0	180.0	5.0	430.0	1750	1.0	SMB
SMBJ5387BHE3	5.0	0.0005	144.0	190.0	5.0	450.0	1850	1.0	SMB
SMBJ5388BHE3	5.0	0.0005	152.0	200.0	5.0	480.0	1850	1.0	SMB
SMBJ5925BHE3	1.5	0.0050	8.0	10.0	37.5	4.5	500	0.3	SMB
SMBJ5926BHE3	1.5	0.0010	8.4	11.0	34.1	5.5	550	0.3	SMB
SMBJ5927BHE3	1.5	0.0010	9.1	12.0	31.2	6.5	550	0.3	SMB
SMBJ5928BHE3	1.5	0.0010	9.9	13.0	28.8	7.0	550	0.3	SMB
SMBJ5929BHE3	1.5	0.0010	11.4	15.0	25.0	9.0	600	0.3	SMB
SMBJ5930BHE3	1.5	0.0010	12.2	16.0	23.4	10.0	600	0.3	SMB
SMBJ5931BHE3	1.5	0.0010	13.7	18.0	20.8	12.0	650	0.3	SMB
SMBJ5932BHE3	1.5	0.0010	15.2	20.0	18.7	14.0	650	0.3	SMB
SMBJ5933BHE3	1.5	0.0010	16.7	22.0	17.0	17.5	650	0.3	SMB
SMBJ5934BHE3	1.5	0.0010	18.2	24.0	15.6	19.0	700	0.3	SMB
SMBJ5935BHE3	1.5	0.0010	20.6	27.0	13.9	23.0	700	0.3	SMB
SMBJ5936BHE3	1.5	0.0010	22.8	30.0	12.5	28.0	750	0.3	SMB
SMBJ5937BHE3	1.5	0.0010	25.1	33.0	11.4	33.0	800	0.3	SMB
SMBJ5938BHE3	1.5	0.0010	27.4	36.0	10.4	38.0	850	0.3	SMB
SMBJ5939BHE3	1.5	0.0010	29.7	39.0	9.6	45.0	900	0.3	SMB
SMBJ5940BHE3	1.5	0.0010	32.7	43.0	8.7	53.0	950	0.3	SMB
SMBJ5941BHE3	1.5	0.0010	35.8	47.0	8.0	67.0	1000	0.3	SMB
SMBJ5942BHE3	1.5	0.0010	38.8	51.0	7.3	70.0	1100	0.3	SMB
SMBJ5943BHE3	1.5	0.0010	42.6	56.0	6.7	86.0	1300	0.3	SMB
SMBJ5944BHE3	1.5	0.0010	47.1	62.0	6.0	100.0	1500	0.3	SMB
SMBJ5945BHE3	1.5	0.0010	51.2	68.0	5.5	120.0	1700	0.3	SMB
SMBJ5946BHE3	1.5	0.0010	56.0	75.0	5.0	140.0	2000	0.3	SMB
SMBJ5947BHE3	1.5	0.0010	62.2	82.0	4.6	160.0	2500	0.3	SMB
SMBJ5948BHE3	1.5	0.0010	69.2	91.0	4.1	200.0	3000	0.3	SMB
SMBJ5949BHE3	1.5	0.0010	76.0	100.0	3.7	250.0	3100	0.3	SMB
SMBJ5950BHE3	1.5	0.0010	83.6	110.0	3.4	300.0	4000	0.3	SMB
SMBJ5951BHE3	1.5	0.0010	91.2	120.0	3.1	380.0	4500	0.3	SMB
SMBJ5952BHE3	1.5	0.0010	98.8	130.0	2.9	450.0	5000	0.3	SMB
SMBJ5953BHE3	1.5	0.0010	114.0	150.0	2.5	600.0	6000	0.3	SMB
SMBJ5954BHE3	1.5	0.0010	121.6	160.0	2.3	700.0	6500	0.3	SMB
SMBJ5955BHE3	1.5	0.0010	136.8	180.0	2.1	900.0	7000	0.3	SMB
SMBJ5956BHE3	1.5	0.0010	152.0	200.0	1.9	1200.0	8000	0.3	SMB



SMB



SMA



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.075	0.096	1.900	2.440	
B	0.055	0.062	1.400	1.600	
C	0.002	0.008	0.051	0.203	
E	0.030	0.060	0.760	1.520	
G	0.188	0.208	4.800	5.280	
H	0.157	0.181	4.000	4.600	
J	0.098	0.114	2.500	2.900	

SMB



DIM	INCHES		MM		NOTE
	MIN	MAX	MIN	MAX	
A	0.083	0.096	2.130	2.440	
B	0.075	0.083	1.910	2.110	
C	0.002	0.008	0.051	0.203	
D	-----	0.020	-----	0.510	
E	0.030	0.060	0.760	1.520	
G	0.200	0.220	5.080	5.590	
H	0.160	0.185	4.060	4.700	
J	0.130	0.155	3.300	3.940	