
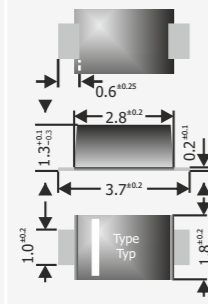
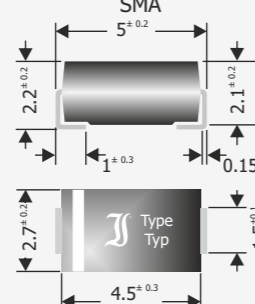
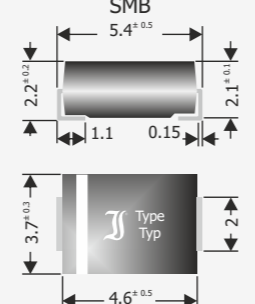
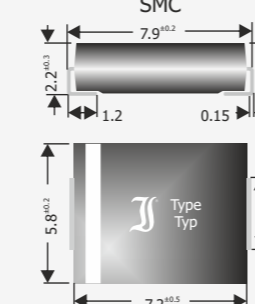
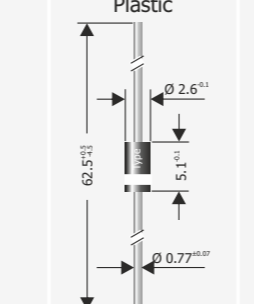
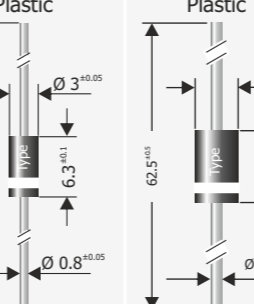
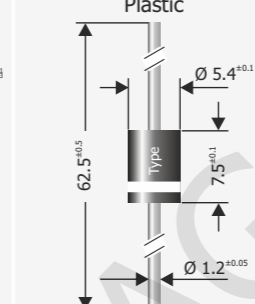
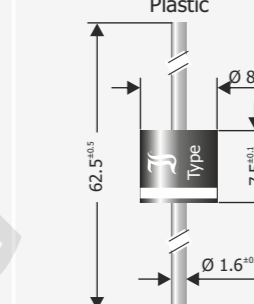

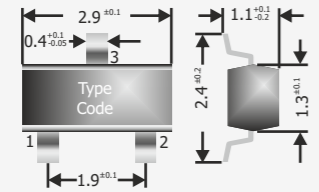
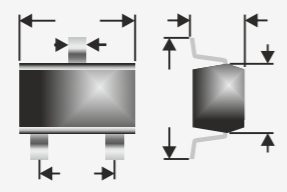
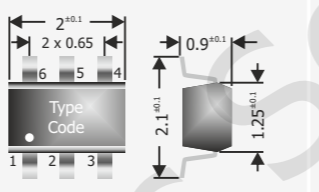
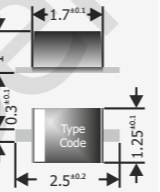
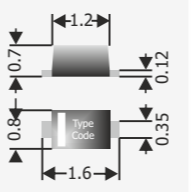
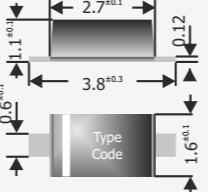
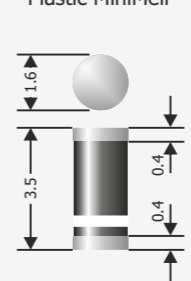
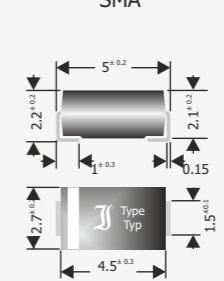
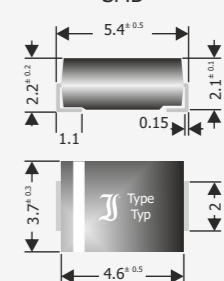


		SOD-123FL		DO-214AC		DO-214AA		DO-214AB		DO-41		DO-15		~ DO-201		Ø 5.4 x 7.5		Ø 8 x 7.5				
 SMD Diodes / Rectifier																				Axial Diodes / Rectifier		
		I_{FAV}	1 A	1 / 3 A		2 / 3 / 5 A		3 / 8 A		1 A	1.5 A	3 A	6 A / 10 A		I_{FAV}							
Standard Recovery	V_{RRM}	400	SL1G-AQ	S1G-AQ		S2G-AQ		S3G-AQ		1N4001-AQ										50	Standard Recovery	
	600	SL1J-AQ	S1J-AQ		S2J-AQ	S3JSMB-AQ	S3J-AQ												100			
	1000	SL1M-AQ	S1M-AQ		S2M-AQ		S3M-AQ				1N5393-AQ								200			
Superf. Efficient	1000		US1M-AQ	ER1M-AQ	ES1J-AQ	US2M-AQ		ES3M-AQ*		1N4004-AQ										400		
Schottky Barrier	40	SKL14-AQ	SK14-AQ	SK34SMA-3G-AQ		SK54-3G-AQ		SK84-3G-AQ*		1N4005-AQ										600		
	60	SKL110-AQ	SK110-AQ			SK36SMB-AQ		SK56-AQ		SK86-AQ*										800		
	100		SK115-AQ			SK210-AQ				1N4007-AQ										1000		
	[V]	150									BY255-AQ								1300	[V]		
	P_{tot}	1 W		2 W		3 W						1500 W										
Zener	V_Z	11-100	Z1SMA11...100-AQ																		... 10	
	[V]	... 200					Z3SMC6.8...200-AQ														... 200	
	P_{PPM}	400 W		600 W		1500 W														... 440		
TVS	V_{BR}	5.0 ...	P4SMAJ5.0(A)...550(A)-AQ		P6SMBJ5.0(A)...550(A)-AQ		1.5SMCJ5.0(A)...550(A)-AQ														... 10	
	... 550		P4SMAJ5.0C(A)...550(CA)-AQ		P6SMBJ5.0C(A)...550(CA)-AQ		1.5SMCJ5.0C(A)...550(CA)-AQ														... 200	
	5.0 ...						3000 5000 W														... 550	
	[V]	... 170					3.0/5.0SMCJ5.0(A)...170(A)-AQ														... 550	
		*these parts are in process of qualification																				
		SOT-23		SOT-323		SOT-363		SOD-323F		SOD-523		SOD-123F		DO-213AA		DO-214AC		DO-214AA				
Diodes / Transistors																				Current Limiting Diodes		
		70 / 150 / 200 mA		200 mA																		
Small Signal	BAS16-AQ				BAS16DW-AQ		1N4148WS-AQ															
	BAV99-AQ						BAS316WS-AQ		BAS216WT-AQ*													
Schottky	BAS21-AQ										SD103AW-AQ											
	BAS31-AQ		BAT54W-AQ*										CL10MD-AQ		CL20M35-AQ*		CL20M45-AQ*				15	
	BAS40-AQ												CL15MD-AQ								20	
	BAV70-AQ												CL20MD-AQ								25	
	300 mW												CL30MD-AQ		CL40M35-AQ*		CL40M45-AQ*				30	
Zener	BZX84C2V4...47-AQ								MM3Z22B7...47B-AQ		MMSZ5227B...62B-AQ										40	
											BZT52C3...C47-AQ										[mA]	
ESD									ESD3Z5V0-AQ													
									ESD3Z12-AQ													
Bipolar Transistors	NPN		PNP		NPN		PNP		NPN		NPN / PNP											
	BC846A...BC850C-AQ		BC856A...BC860C-AQ		BC846BW-AQ		BC857BW-AQ		BC847S-AQ*		BC8457BDW-AQ*											
	BC846B-AQ		BC858C-AQ																			
	BC817-40-AQ		BC807-40-AQ																			
	MMBTRC103SS-AQ*		MMBTRC105SS-AQ*																			
Shunt Regulator	MMTL431A-AQ*		MMTL431AR-AQ*																			
-AQ parts are qualified according to AEC-Q101, produced at fixed production sites and PPAP available on request. Usage is not limited to Automotive industry, but possible for any other application requiring special qualification according to AEC-Q101. Parts are intended to be used in non-critical safety systems, where malfunction does not directly affect human life or health. For safety-critical systems, please contact technicalsupport@diotec.com to apply for product release.																						
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