

SURFACE MOUNT

Transient Voltage Suppressor

TRANSIENT VOLTAGE SUPPRESSOR DIODE

Operating Temperature: -55°C to 150°C

RF Part Number	Working Peak Reverse Voltage V_{RWM} (V)	Break Down Voltage V_{BR} (V)		@ IT (mA)	Maximum Clamping Voltage V_{RSM} (V)	Maximum Reverse Current & Leakage									Outline (Dimensions in mm)					
						*A Size			*B Size			*C Size								
		Min	Max			Current	Leakage	Device	Current	Leakage	Device	Current	Leakage	Device						
						I_{PPM} (A)	at V_{NWM} I_R (μA)	Marking Code	I_{PPM} (A)	at V_{NWM} I_R (μA)	Marking Code	I_{PPM} (A)	at V_{NWM} I_R (μA)	Marking Code						
SM*J5.0	5	6.4	7.3	10	9.6	32	800	AD	62.5	800	KD	164	1000	GDD		A size (SMA) DO-214AC PART NUMBER EXAMPLE SMAJ7.0A				
SM*J5.0A	5	6.4	7	10	9.2	34	800	AE	65.2	800	KE	171	1000	GDE						
SM*J6.0	6	6.7	8.2	10	11.4	27.6	800	AF	52.6	800	KF	138	1000	GDF						
SM*J6.0A	6	6.7	7.4	10	10.3	30.5	800	AG	58.3	800	KG	152	1000	GDG						
SM*J6.5	6.5	7.2	8.8	10	12.3	25.6	500	AH	48.7	500	KH	128	500	GDH						
SM*J6.5A	6.5	7.2	8	10	11.2	28	500	AK	53.6	500	KK	140	500	GDK						
SM*J7.0	7	7.8	9.5	10	13.3	23.6	200	AL	45.1	200	KL	116	200	GDL						

SURFACE MOUNT TVS & Zener Diodes

TRANSIENT VOLTAGE SUPPRESSOR DIODE

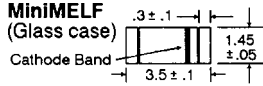
Operating Temperature: -55°C to 150°C

RF Part Number	Working Peak Reverse Voltage V_{RWM} (V)	Break Down Voltage		Maximum Clamping Voltage V_{RSM} (V)	Maximum Reverse Current & Leakage									Outline (Dimensions in mm)		
		V_{BR} (V)			*A Size			*B Size			*C Size					
		Min	Max		Current I_{PPM} (A)	Leakage at V_{NWM} I_R (μA)	Device Marking Code	Current I_{PPM} (A)	Leakage at V_{NWM} I_R (μA)	Device Marking Code	Current I_{PPM} (A)	Leakage at V_{NWM} I_R (μA)	Device Marking Code			
SM*J60	60	67	82	1	107	2.9	5	RH	4.5	5	NH	14	5	GGH	A size (SMA) DO-214AC 	
SM*J60A	60	67	74	1	96.8	3.2	5	RK	4.9	5	NK	16	5	GGK		
SM*J64	64	71	87	1	114	2.7	5	RL	4.3	5	NL	13.8	5	GGL		
SM*J64A	64	71	79	1	103	3	5	RM	4.7	5	NM	15	5	GGM		
SM*J70	70	78	95	1	125	2.5	5	RN	3.9	5	NN	12.6	5	GGN	PART NUMBER EXAMPLE SMAJ7.0A	
SM*J70A	70	78	86	1	113	2.7	5	RP	4.4	5	NP	13.9	5	GGP		
SM*J75	75	83	102	1	13											

SURFACE MOUNT Zener Diodes

ZENER DIODE

Operating Temperature: -65°C to 150°C

RFE Part Number	Cross-Reference	Nominal Zener Voltage @I _{ZT}	Test Current	Dynamic Impedance @I _{ZT}	Dynamic Impedance @I _{ZK}	Typical Zener Coefficient	Max Rev Leakage Current @ V _R	Test Voltage	Max Regulator Current	Package	Outline (Dimensions in mm)
		V _Z (V)	I _{ZT} (mA)	Z _{ZT} (Ω)	Z _{ZK} (Ω)	α _{VZ} (%/K)	I _R (μA)	V _R (V)	I _S (mA)	Reel	
LL5226B		3.3	20	28	1600	-0.070	25.0	1.0	138.0	2500	
LL5227B		3.6	20	24	1700	-0.065	15.0	1.0	126.0	2500	
LL5228B		3.9	20	23	1900	-0.060	10.0	1.0	115.0	2500	
LL5229B		4.3	20	22	2000	-0.055	5.0	1.0	106.0	2500	
LL5230B		4.7	20	19	1900	-0.030	5.0	2.0	97.0	2500	
LL5231B		5.1	20	17	1600	0.030	5.0	2.0	89.0	2500	
LL5232B		5.6	20	11	1600	0.038	5.0	3.0	81.0	2500	
LL5233B		6.0	20	7	1600	0.038	5.0	3.5	76.0	2500	
LL5234B		6.2	20	7	1000	0.045	5.0	4.0	73.0	2500	
LL5235B		6.8	20	5	750	0.050	3.0	5.0	67.0	2500	
LL5236B		7.5	20	6	500	0.058	3.0	6.0	61.0	2500	
LL5237B		8.2	20	8	500	0.062	3.0	6.5	55.0	2500	
LL5238B		8.7	20	8	600	0.065	3.0	6.5	52.0	2500	
LL5239B		9.1	20	10	600	0.068					