

**ZENER DIODES**T-11-13  
T-23-05

1W ZENER DIODE - PLASTIC/DO-41

OPERATING AND STORAGE TEMPERATURE -65°C to +175°C

TYPE	Zener Breakdown Voltage	Dynamic Impedances: @ 25°C TA				Maximum Reverse Current @ Measurement Voltage and °C TA			Maximum Forward Voltage @ 0.5A	
		Vz	IzT	ZzT	Izk	Zzk	VR	25°C		100°C
		V	mA	Ohms	mA	Ohms	V	μA		μA
SZ100	100	5	600	.25	5000	75	0.5	100	1.0	
SZ110	110	5	750	.25	5000	80	0.5	100	1.0	
SZ115	115	5	750	.25	5000	85	0.5	100	1.0	
SZ120	120	5	850	.25	5000	90	0.5	100	1.0	
SZ130	130	5	1000	.25	5000	95	0.5	100	1.0	
SZ135	135	5	1100	.25	5000	100	0.5	100	1.0	
SZ140	140	5	1200	.25	5000	105	0.5	100	1.0	
SZ150	150	5	1300	.25	5000	110	0.5	100	1.0	
SZ160	160	5	1500	.25	5000	120	0.5	100	1.0	
SZ170	170	5	2200	.25	5000	130	0.5	100	1.0	
SZ180	180	5	2200	.25	5000	140	0.5	100	1.0	
SZ190	190	5	2500	.25	5000	150	0.5	100	1.0	
SZ200	200	5	2500	.25	5000	160	0.5	100	1.0	
SZ300	300	5	5000	.25	9000	260	0.5	100	1.0	
SZ330	330	5	5000	.25	9500	280	0.5	100	1.0	

# Datasheet.Live

## SURFACE MOUNT DEVICES-RECTIFIERS

OPERATING AND STORAGE TEMPERATURE -65°C to +175°C

TYPE	Maximum Peak Reverse Voltage	Maximum Average Rectified Current @ Half-Wave Resistive Load 60Hz		Maximum Forward Peak Surge Current @ 8.3ms Superimposed	Maximum Reverse Current @ PRV @ 25°C TA	Maximum Forward Voltage @ 25°C TA		Maximum Reverse Recovery Time
	PRV	Io @ TA		IFM (Surge)	IR	IFM	VFM	Trr
	VPK	AAV	°C	APK	μAdc	APK	VPK	nS

**1.0 AMPERE-GLASS PASSIVATED/SM-1**

SSM4001	50	1.0	75	30	5.0	1.0	1.1	-
SSM4002	100	1.0	75	30	5.0	1.0	1.1	-
SSM4003	200	1.0	75	30	5.0	1.0	1.1	-
SSM4004	400	1.0	75	30	5.0	1.0	1.1	-
SSM4005	600	1.0	75	30	5.0	1.0	1.1	-
SSM4006	800	1.0	75	30	5.0	1.0	1.1	-
SSM4007	1000	1.0	75	30	5.0	1.0	1.1	-

**1.0 AMPERE-FAST RECOVERY/SM-1**

SSM4933	50	1.0	55	30	5.0	1.0	1.3	*200
SSM4934	100	1.0	55	30	5.0	1.0	1.3	*200
SSM4935	200	1.0	55	30	5.0	1.0	1.3	*200
SSM4936	400	1.0	55	30	5.0	1.0	1.3	*200
SSM4937	600	1.0	55	30	5.0	1.0	1.3	*200

\* NOTE: \*Trr TEST @IF = 1.0A, VR = 30V