

●Line Up

Maximum power dissipation (Pd) is 200mw to 1000mw (IW) . Selection among these series with various packages assures to match specific application and requirement.

Series	Package	P (mW)	Voltage range (V)	Features
DTZ Series	DSM	200	2.0~36	2-pin mini molded
New PTZ Series	PSM	1000	2.0~43	2-pin power molded, P=1W
RLZ Series	LL-34	400	2.0~56	Glass sealed
RLZ J Series	LL-34	400	3.6~24	Glass sealed
RLZ5000 Series	LL-34	400	2.4~51	JEDEC standard
RSZ Series	SSD	200	2.4~51	JEDEC standard, 3-pin mini molded
UMZ8.2T	UMD	200	7.76~8.64	Cathode common, Contains 2 devices
New UMZ8.2N	UMD	200	7.76~8.64	Anode common, Contains 2 devices
New UMZ12N	UMD	200	11.0~13.0	Anode common, Contains 2 devices
STZ6.8T	SMD	200	6.47~7.14	Cathode common, Contains 2 devices
FTZ56E	FMD	200	53.0~60.0	Incorporates switching elements

Note : ☆Under development

●DTZ Series (Pd=200mW Package : DSM)

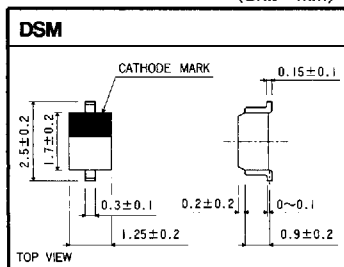
Series Prefix	Nominal Zener voltage	Vz (V)				Zz (Ω)		Zzk (Ω)		I _R (μA)	
		Ranking			Iz (mA)	Max.	Iz (mA)	Max.	Iz (mA)	Max.	V _R (V)
		A	B	C							
DTZ	2.0	1.880~2.100	2.020~2.200	—	5	100	5	1000	0.5	120	0.5
DTZ	2.2	2.120~2.300	2.220~2.410	—	5	100	5	1000	0.5	120	0.7
DTZ	2.4	2.330~2.520	2.430~2.630	—	5	100	5	1000	0.5	120	1.0
DTZ	2.7	2.540~2.750	2.690~2.910	—	5	110	5	1000	0.5	100	1.0
DTZ	3.0	2.850~3.070	3.010~3.220	—	5	120	5	1000	0.5	50	1.0
DTZ	3.3	3.160~3.380	3.320~3.530	—	5	120	5	1000	0.5	20	1.0
DTZ	3.6	3.455~3.695	3.600~3.845	—	5	100	5	1000	1	10	1.0
DTZ	3.9	3.740~4.010	3.890~4.160	—	5	100	5	1000	1	5	1.0
DTZ	4.3	4.04~4.29	4.17~4.43	4.30~4.57	5	100	5	1000	1	5	1.0
DTZ	4.7	4.42~4.61	4.55~4.75	4.69~4.90	5	100	5	800	0.5	2	1.0
DTZ	5.1	4.84~5.04	4.98~5.20	5.14~5.37	5	80	5	500	0.5	2	1.5
DTZ	5.6	5.31~5.55	5.49~5.73	5.67~5.92	5	60	5	200	0.5	1	2.5
DTZ	6.2	5.86~6.12	6.06~6.33	6.26~6.53	5	60	5	100	0.5	1	3.0
DTZ	6.8	6.47~6.73	6.65~6.93	6.86~7.14	5	40	5	60	0.5	0.5	3.5
DTZ	7.5	7.06~7.36	7.28~7.60	7.52~7.84	5	30	5	60	0.5	0.5	4.0
DTZ	8.2	7.76~8.10	8.02~8.36	8.28~8.64	5	30	5	60	0.5	0.5	5.0
DTZ	9.1	8.56~8.93	8.85~9.23	9.15~9.55	5	30	5	60	0.5	0.5	6.0
DTZ	10	9.45~9.87	9.77~10.21	10.11~10.55	5	30	5	60	0.5	0.1	7.0
DTZ	11	10.44~10.88	10.76~11.22	11.10~11.56	5	30	5	60	0.5	0.1	8.0
DTZ	12	11.42~11.90	11.74~12.24	12.08~12.60	5	30	5	80	0.5	0.1	9.0
DTZ	13	12.47~13.03	12.91~13.49	13.37~13.96	5	37	5	80	0.5	0.1	10
DTZ	15	13.84~14.46	14.34~14.98	14.85~15.52	5	42	5	80	0.5	0.1	11
DTZ	16	15.37~16.01	15.85~16.51	16.35~17.09	5	50	5	80	0.5	0.1	12
DTZ	18	16.94~17.70	17.56~18.35	18.21~19.03	5	65	5	80	0.5	0.1	13
DTZ	20	18.86~19.70	19.52~20.39	20.21~21.08	5	85	5	100	0.5	0.1	15
DTZ	22	20.88~21.77	21.54~22.47	22.23~23.17	5	100	5	100	0.5	0.1	17
DTZ	24	22.93~23.96	23.72~24.78	24.54~25.57	5	120	5	120	0.5	0.1	19
DTZ	27	25.20~26.50	26.19~27.53	27.21~28.61	5	150	5	150	0.5	0.1	21
DTZ	30	28.22~29.66	29.19~30.69	30.20~31.74	5	200	5	200	0.5	0.1	23
DTZ	33	31.18~32.78	32.15~33.79	33.13~34.83	5	250	5	250	0.5	0.1	25
DTZ	36	34.12~35.86	35.07~36.87	36.07~37.91	5	300	5	300	0.5	0.1	27

Notes : 1. Zener voltage (Vz) is measured 40ms after applying the current.

2. Zz and Zzk are measured while passing (Iz) and micro AC current.

3. When ordering, specify the rank of the diodes. Otherwise, the diodes of rank A, B or C are supplied.

(Unit : mm)



●Product Designation

- When ordering, specify the type.
- Check each code against the tables shown below.
- Fill a space with the next character.

D	T	Z	2	.	0	A	T	T	1	1
Series Prefix			Nominal Zener voltage			Ranking	Packaging			

DTZ Series renaming

These products have been renamed. Check part name before ordering.

e.g. : Current DTZ 2.0A TT11

Package	Code	Sprocket hole side	Quantity / Package (pcs)
DSM	TT11	Cathode	3,000
	TT12	Anode	