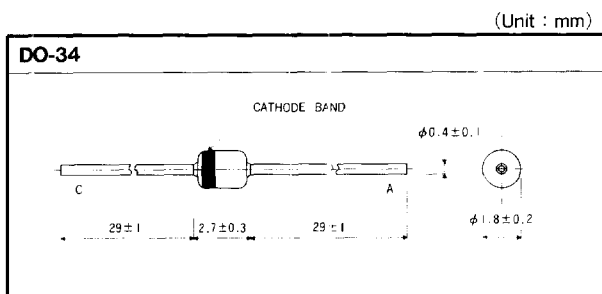


●MTZJ Series (P=500mW Package : DO-34)

Series Prefix	Nominal Zener voltage	Vz (V)					Iz (mA)	Zz (Ω) Max.	Iz (mA)	Zzk (Ω)		Iz (mA)	Max	Iz (mA)
		Ranking				Max.				Iz (mA)				
		A	B	C	D									
MTZJ	2.0	1.880~2.100	2.020~2.200	—	—	5	100	5	1000	0.5	1.0	0.5	1.0	
MTZJ	2.2	2.120~2.300	2.220~2.410	—	—	5	100	5	1000	0.5	1.0	0.5	1.0	
MTZJ	2.4	2.330~2.520	2.430~2.630	—	—	5	100	5	1000	0.5	1.0	0.5	1.0	
MTZJ	2.7	2.540~2.750	2.690~2.910	—	—	5	110	5	1000	0.5	1.0	0.5	1.0	
MTZJ	3.0	2.850~3.070	3.010~3.220	—	—	5	120	5	1000	0.5	50	1.0	1.0	
MTZJ	3.3	3.160~3.380	3.320~3.530	—	—	5	120	5	1000	0.5	20	1.0	1.0	
MTZJ	3.6	3.455~3.695	3.600~3.845	—	—	5	100	5	1000	1	10	1.0	1.0	
MTZJ	3.9	3.74~4.01	3.89~4.16	—	—	5	100	5	1000	1	5	1.0	1.0	
MTZJ	4.3	4.04~4.29	4.17~4.43	4.30~4.57	—	5	100	5	1000	1	5	1.0	1.0	
MTZJ	4.7	4.44~4.68	4.55~4.80	4.66~4.93	—	5	80	5	900	0.5	5	1.0	1.0	
MTZJ	5.1	4.81~5.07	4.94~5.20	5.06~5.37	—	5	70	5	1200	0.5	5	1.5	1.5	
MTZJ	5.6	5.28~5.55	5.45~5.73	5.61~5.91	—	5	40	5	900	0.5	5	2.5	2.5	
MTZJ	6.2	5.78~6.09	5.96~6.27	6.12~6.44	—	5	30	5	500	0.5	5	3.0	3.0	
MTZJ	6.8	6.29~6.63	6.49~6.83	6.66~7.01	—	5	20	5	150	0.5	2	3.5	3.5	
MTZJ	7.5	6.85~7.22	7.07~7.45	7.29~7.67	—	5	20	5	120	0.5	0.5	4.0	4.0	
MTZJ	8.2	7.53~7.92	7.78~8.19	8.03~8.45	—	5	20	5	120	0.5	0.5	5.0	5.0	
MTZJ	9.1	8.29~8.73	8.57~9.01	8.83~9.30	—	5	20	5	120	0.5	0.5	6.0	6.0	
MTZJ	10	9.12~9.59	9.41~9.90	9.70~10.20	9.94~10.44	5	20	5	120	0.5	0.2	7.0	7.0	
MTZJ	11	10.18~10.71	10.50~11.05	10.82~11.38	—	5	20	5	120	0.5	0.2	8.0	8.0	
MTZJ	12	11.13~11.71	11.44~12.03	11.74~12.35	—	5	25	5	110	0.5	0.2	9.0	9.0	
MTZJ	13	12.11~12.75	12.55~13.21	12.99~13.66	—	5	25	5	110	0.5	0.2	10	10	
MTZJ	15	13.44~14.13	13.89~14.62	14.35~15.09	—	5	25	5	110	0.5	0.2	11	11	
MTZJ	16	14.80~15.57	15.25~16.04	15.69~16.51	—	5	25	5	150	0.5	0.2	12	12	
MTZJ	18	16.22~17.06	16.82~17.70	17.42~18.33	—	5	30	5	150	0.5	0.2	13	13	
MTZJ	20	18.02~18.96	18.63~19.59	19.23~20.22	19.72~20.72	5	30	5	200	0.5	0.2	15	15	
MTZJ	22	20.15~21.20	20.64~21.71	21.08~22.17	21.52~22.63	5	30	5	200	0.5	0.2	17	17	
MTZJ	24	22.05~23.18	22.61~23.77	23.12~24.31	23.63~24.85	5	35	5	200	0.5	0.2	19	19	
MTZJ	27	24.26~25.52	24.97~26.26	25.63~26.95	26.29~27.64	5	45	5	250	0.5	0.2	21	21	
MTZJ	30	26.99~28.39	27.70~29.13	28.36~29.82	29.02~30.51	5	55	5	250	0.5	0.2	23	23	
MTZJ	33	29.68~31.22	30.32~31.88	30.90~32.50	31.49~33.11	5	65	5	250	0.5	0.2	25	25	
MTZJ	36	32.14~33.79	32.79~34.49	33.40~35.13	34.01~35.77	5	75	5	250	0.5	0.2	27	27	
MTZJ	39	34.68~36.47	35.36~37.19	36.00~37.85	36.63~38.52	5	85	5	250	0.5	0.2	30	30	
New MTZJ	39E		37.36~39.29			5	85	5	250	0.5	0.2	30	30	
New MTZJ	39F		38.14~40.11			5	85	5	250	0.5	0.2	30	30	
New MTZJ	39G		38.94~40.80			5	85	5	250	0.5	0.2	30	30	
New MTZJ	43		40.00~45.00			5	90	5	—	—	0.2	33	33	
New MTZJ	47		44.00~49.00			5	90	5	—	—	0.2	36	36	
New MTZJ	51		48.00~54.00			5	110	5	—	—	0.2	39	39	
New MTZJ	56		53.00~60.00			5	110	5	—	—	0.2	43	43	

- Notes : 1. Zener voltage (Vz) is measured 40ms after applying current.
2. When ordering, specify the rank of the diodes. Otherwise the diodes of rank A, B or C are supplied.
3. No specific ranking for MTZJs having nominal zener voltage 39E to 56.



●Product Designation

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

M	T	Z	J	T	—	7	7	2	.	0	A
Series Prefix				Packaging				Nominal Zener voltage			Ranking
MTZJ Series				Bulk : blank Radial taping Axial taping Forming							

Zener Diodes

D Codes

The Class and Basic ordering units for Standard and Semi-standard Products Units

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Packaging

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Part Marking

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