

RKZ-KK Series

Silicon Planar Zener Diode for Surge Absorption and Stabilizer

REJ03G1518-0100 Rev.1.00 Mar 02, 2007

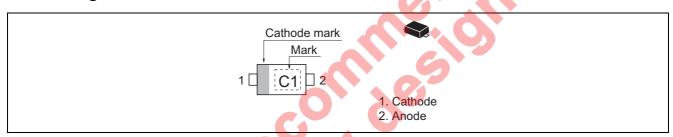
Features

- Emboss Taping Reel Pack.
- Super small Flat Lead Package (SFP) is suitable for surface mount design.

Ordering Information

Part No.	Laser Mark	Package Name	Package Code	
RKZ-KK Series	Let to Mark Code	SFP 🔷	PUSF0002ZB-A	

Pin Arrangement



Absolute Maximum Ratings

 $(Ta = 25^{\circ}C)$

Item	Symbol	Value	Unit
Power dissipation	Pd *1	150	mW
Junction temperature	Tj	150	°C
Storage temperature	Tstg	−55 to +150	°C

Note: 1. With P.C. Board.

Electrical Characteristics

 $(Ta = 25^{\circ}C)$

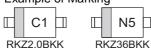
	Zener Voltage Test Vz (V) *1 Condition		Reverse Current		Dynamic Resistance		ESD-Capability *2	
					Test Condition	r _d (Ω)	Test Condition	— (kV) * ²
Part No.	Min	Max	I _Z (mA)	Max	V _R (V)	Max	I _Z (mA)	Min
RKZ2.0BKK	1.90	2.20	5	120	0.5	100	5	30
RKZ2.2BKK	2.10	2.40	5	120	0.7	100	5	30
RKZ2.4BKK	2.30	2.60	5	120	1.0	100	5	30
RKZ2.7B2KK	2.65	2.90	5	120	1.0	110	5	30
RKZ3.0B2KK	2.95	3.20	5	50	1.0	120	5	30
RKZ3.3B2KK	3.25	3.50	5	20	1.0	130	5	30
RKZ3.6B2KK	3.55	3.80	5	10	1.0	130	5	30
RKZ3.9B2KK	3.87	4.10	5	10	1.0	130	5	30
RKZ4.3B2KK	4.15	4.34	5	10	1.0	130	5	30
RKZ4.7B2KK	4.55	4.75	5	10	1.0	130	5	30
RKZ5.1B2KK	4.98	5.20	5	5	1.5	130	5	30
RKZ5.6B2KK	5.49	5.73	5	5	2.5	80	5	30
RKZ6.2B2KK	6.06	6.33	5	2	3.0	50	5	30
RKZ6.8B2KK	6.65	6.93	5	2	3.5	30	5	30
RKZ7.5B2KK	7.28	7.60	5	2	4.0	30	5	30
RKZ8.2B2KK	8.02	8.36	5	2	5.0	30	5	30
RKZ9.1B2KK	8.85	9.23	5	2	6.0	30	5	30
RKZ10B2KK	9.77	10.21	5	2	7.0	30	5	30
RKZ11B2KK	10.76	11.22	5	2	8.0	30	5	30
RKZ12B2KK	11.74	12.24	5	2	9.0	35	5	30
RKZ13B2KK	12.91	13.49	5	2	10.0	35	5	30
RKZ15B2KK	14.34	14.98	5	2	11.0	40	5	25
RKZ16B2KK	15.85	16.51	5	2	12.0	40	5	25
RKZ18B2KK	17.56	18.35	5	2	13.0	45	5	25
RKZ20B2KK	19.52	20.39	5	2	15.0	50	5	20
RKZ22B2KK	21.54	22.47	5	2	17.0	55	5	20
RKZ24B2KK	23.72	24.78	5	2	19.0	60	5	15
RKZ27BKK	25.10	28.90	2	2	21.0	70	2	15
RKZ30BKK	28.00	32.00	2	2	23.0	80	2	13
RKZ33BKK	31.00	35.00	2	2	25.0	80	2	8
RKZ36BKK	34.00	38.00	2	2	27.0	90	2	8

Notes: 1. Tested with pulse (Pw = 40 ms).

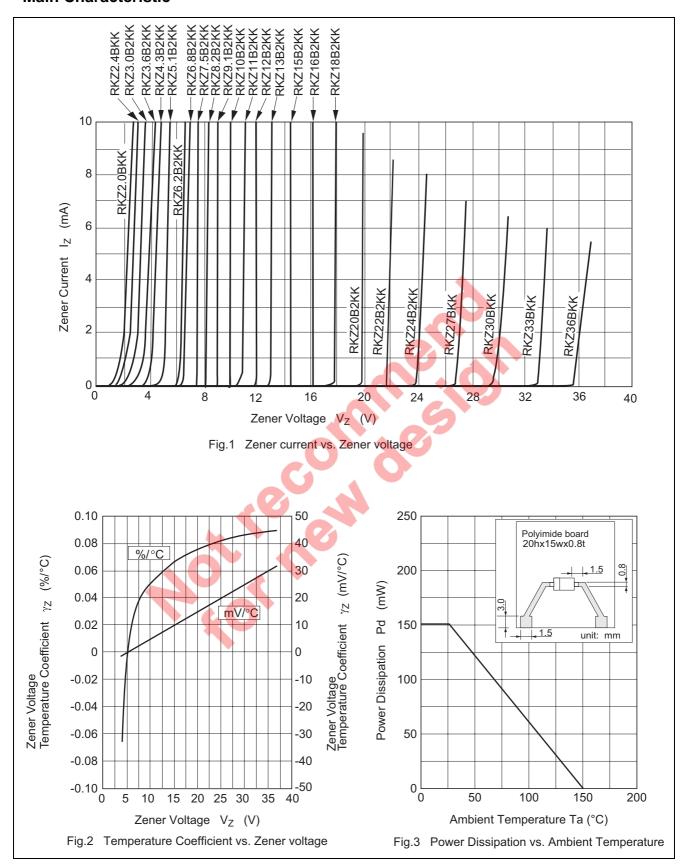
- 2. C =150 pF, R = 330 Ω , Both forward and reverse direction 10 pulse Failure criterion ; According to IR spec
- 3. The material of lead is exposed for cutting plane. Therefore, soldering nature of lead tip part is considered as unquestioned. Please kindly consider soldering nature.

Mark Code





Main Characteristic



Package Dimensions



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