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"Plastic package has underwriters laboratory

flammability classification 94V-0

"Glass passivated junction

"400W peak pulse power capability with a 10/1000 - s
waveform, repetition rate (duty cycle): 0.01%

"Excellent clamping capability

"Low incremental surge resistance

"Fast response time: typically less than 1.0ps from 0 Volts to
 $V_{(BR)}$ for uni-directional and 5.0ns for bi-directional types

"For devices with $V_{(BR)}$ 10V, I_D are typically less than 5.0 - A

"High temperature soldering guaranteed: 265 / 10 seconds

0 (& + \$ 1 , & \$ / ' \$ 7 \$

"Case style: DO- molded plastic

"Polarity: color band denotes positive end
(cathode) except for bidirectional

"Mounting position: any

(OHFWU~~LSH~~DLILFDWLRQ



(OTHERWISE SPECIFIED)

7\SH 12		5HYHUV 6WDQG 9ROWDJH	9%UHDNG 2I19ROWDJH 0LQ #,	9%UHDNG 9ROWDJH 0D[#7,	9%UHDNG 9ROWDJH &XUUH	9%UHDNG 9ROWDJH &XUUH	9%UHDNG 9ROWDJH &XUUH	9%UHDNG 9ROWDJH &XUUH
8QL	%L	950: 9	9%50,19	9%50\$: 9	7 P\$	9& 9	33 \$	5 X\$
P4KE350	P4KE350C	284	315	385	1.0	504	0.79	5.0
P4KE350A	P4KE350CA	300	333	368	1.0	482	0.83	5.0
P4KE400	P4KE400C	324	360	440	1.0	574	0.70	5.0
P4KE400A	P4KE400CA	342	380	420	1.0	548	0.73	5.0
P4KE440	P4KE440C	356	396	484	1.0	631	0.63	5.0
P4KE440A	P4KE440CA	376	418	462	1.0	602	0.65	5.0

For Bi-directional type having V_{RWM} of 10 Volts and less, the I_r limit is double.
 For parts without A, the V_{BR} is $\pm 10\%$ and V_c is 5% higher than with A parts.

Notes:

1. A transient suppressor is normally selected according to the working peak reverse voltage (V_{RWM}), which should be equal to or greater than the DC or continuous peak operating voltage level.
2. V_{BR} measured at pulse test current I_T at an ambient temperature of 25°C .
3. Surge current waveform per Figure 1 and derate per Figure 3.

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