



# HIGH VOLTAGE DIODES

Part Number	V <sub>RRM</sub> (KV)	I <sub>o</sub> (mA)	V <sub>F</sub> (V)	t <sub>rr</sub> (μsec)	Pkg. L (In.)	Pkg. Dia. (In.)	Wire Dia. (In.)
<b>Resin Package, 60 Nanosecond Recovery</b>							
ESJA98-08	6	8	23.4	.06	.256	.098	.020
ESJA92-12	12	8	36.0	.06	.394	.118	.024
<b>Resin Package, 90 Nanosecond Recovery</b>							
ESJA88-06	6	5	22.4	.08	.256	.098	.020
ESJA88-08	8	5	28.0	.08	.256	.098	.020
ESJA82-10	10	5	33.6	.08	.394	.118	.024
ESJA82-12	12	5	42.0	.08	.394	.118	.024
ESJA82-14	14	5	47.6	.08	.394	.118	.024
ESJA83-16	16	5	56.0	.08	.472	.118	.024
ESJA83-18	18	5	61.8	.08	.472	.118	.024
ESJA83-20	20	5	70.0	.08	.472	.118	.024
ESJA83-24	24	5	84.0	.08	.591	.118	.024
<b>Resin Package, 100 Nanosecond Recovery (3mm Diameter)</b>							
ESJA04-02	2	1	12.0	.10	.118	.078	.019
ESJA04-03	3	1	12.0	.10	.118	.078	.019
ESJA57-03	3	5	10.0	.10	.197	.098	.020
ESJA57-04	4	5	12.5	.10	.197	.098	.020
ESJA54-08	8	5	25.0	.10	.315	.118	.024
ESJA52-10	10	5	30.0	.10	.394	.118	.024
ESJA52-12	12	5	37.5	.10	.394	.118	.024
ESJA52-14	14	5	42.5	.10	.394	.118	.024
ESJA53-16	16	5	50.0	.10	.472	.118	.024
ESJA53-18	18	5	55.0	.10	.472	.118	.024
ESJA56-20	20	5	62.5	.10	.591	.118	.024

Part Number	V <sub>RRM</sub> (KV)	I <sub>o</sub>		V <sub>F</sub> (max.)	t <sub>r</sub> (min.) μS	t <sub>r</sub> (typ.) μS
		In Oil (mA)	In Air (mA)			
<b>General Purpose Types</b>						
ESJC07-09B	9	450	160 <sup>(1)</sup>	10V @ 450mA 9.5V @ 160mA	N/A	N/A
ESJC07-12B	12	400	140 <sup>(1)</sup>	12V @ 400mA 11.5V @ 140mA	N/A	N/A
ESJC01-09B	9	N/A	350 <sup>(2)</sup>	9V @ 350mA	N/A	N/A
ESJC01-12B	12	N/A	350 <sup>(2)</sup>	12V @ 350mA	N/A	N/A
<b>Fast Recovery Types</b>						
ESJC04-05	5	420	150 <sup>(1)</sup>	7.5V @ 420mA 7.0V @ 160mA	1.0	.3
ESJC03-09	9	280	100 <sup>(1)</sup>	16.5V @ 280mA 16V @ 100mA	1.0	.3
ESJC30-08	7.2	N/A	300 <sup>(3)</sup>	16V @ 300mA	.3	.15

(1) All ratings at 25°C unless indicated.

(2) T<sub>a</sub> = 60°C cathode terminal attached to radiating fin. Minimum size 50mm X 50mm X 0.6mm. Air velocity ≥ 0.5m/s.

(3) T<sub>e</sub> ≤ 110°C. Cooling requirement, air velocity ≥ 0.5m/s.

## Dimensions, mm (inch)

