

For capacitive load, derate current by 20%

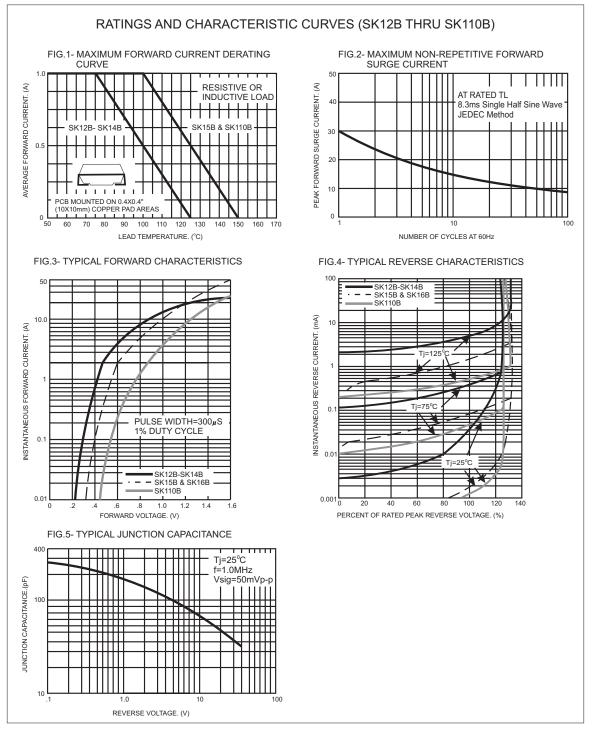
Type Number	Symbol	SK 12B	SK 13B	SK 14B	SK 15B	SK 16B	SK 110B	Units
Maximum Recurrent Peak Reverse Voltage	V <sub>RRM</sub>	20	30	40	50	60	100	V
Maximum RMS Voltage	V <sub>RMS</sub>	14	21	28	35	42	70	V
Maximum DC Blocking Voltage	V <sub>DC</sub>	20	30	40	50	60	100	V
Maximum Average Forward Rectified Current at $T_A=75^\circ\mathbb{C}$	I <sub>(AV)</sub>	1.0						А
Peak Forward Surge Current, 8.3 ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method )	I <sub>FSM</sub>	30						А
Maximum Instantaneous Forward Voltage @ 1.0A	VF	0.5			0.75		0.85	V
$\begin{array}{llllllllllllllllllllllllllllllllllll$	I <sub>R</sub>	0.5						mA
			10.0		5.0 1.0			mA
Typical Thermal Resistance (Note 1)	R <i>θ</i> JL	25						<b>C</b> /W
Typical Junction Capacitance (Note 2)	Cj	110						pF
Operating Temperature Range	ΤJ	-55 to +125 -55 to +150				50	C	
Storage Temperature Range	T <sub>STG</sub>	-55 to +150						C

Notes: 1. Thermal Resistance from Junction to Lead.

2. Measured at 1.0 MHz and Applies Reverse Voltage of 4.0V.

3. Measured on P.C.Board with 0.4 x 0.4" (10 x 10mm) Copper Pad Areas.





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