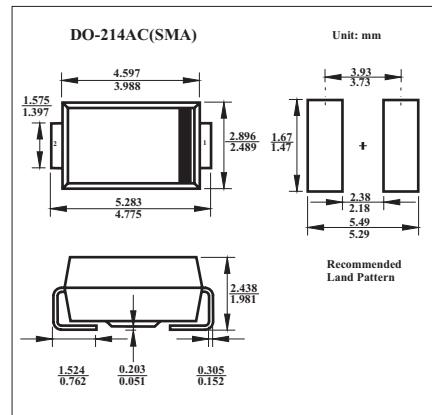


## Surface Mount Schottky Barrier Rectifier KS22 THRU KS26

### ■ Features

- For surface mounted applications.
- Low profile package.
- Built-in strain relief.
- Metal silicon junction, majority carrier conduction.
- Low power loss, high efficiency.
- High current capability, low forward voltage drop.
- High surge capability.



### ■ Absolute Maximum Ratings Ta = 25°C

Parameter	Symbol	KS22	KS23	KS24	KS25	KS26	Unit
Maximum repetitive peak reverse voltage	V <sub>RRM</sub>	20	30	40	50	60	V
Maximum RMS voltage	V <sub>RMS</sub>	14	21	28	35	42	V
Maximum DC blocking voltage	V <sub>DC</sub>	20	30	40	50	60	V
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	I <sub>(AV)</sub>			2			A
Maximum average forward rectified current at TL	I <sub>FSM</sub>			50			A
Maximum instantaneous forward voltage at 1.0A * 1	V <sub>F</sub>		0.5		0.7		V
Maximum DC reverse current * 1 TA=25°C at rated DC blocking voltage TA=100°C	I <sub>R</sub>		0.4		10		mA
Typical thermal resistance	R <sub>θ JA</sub> R <sub>θ JL</sub>		55		17		°C/W
Operating junction temperature range	T <sub>J</sub>		-65 to +125		-65 to +150		°C
Storage temperature range	T <sub>stg</sub>		-65 to +150				°C

\* 1. Pulse test: 300ms pulse width, 1% duty cycle.

### ■ Marking

NO.	KS22	KS23	KS24	KS25	KS26
Marking	SS22	SS23	SS24	SS25	SS26