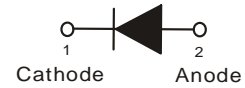
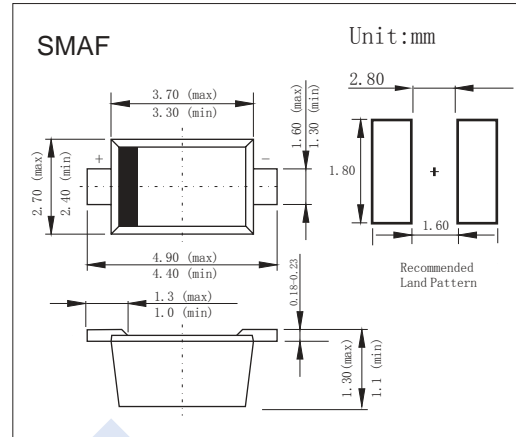


Schottky Diodes

SS34AF (KS34AF)

■ Features

- For surface mounted applications
- Reverse Voltage 45V
- Low power loss, high efficiency
- High forward surge current capability
- Forward Current 3.0A

■ Absolute Maximum Ratings $T_a = 25^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Repetitive Peak Reverse Voltage	V_{RRM}	45	V
RMS Voltage	V_{RMS}	31.5	
Maximum DC Blocking Voltage	V_{DC}	45	
Forward Voltage @ $I_F=2A$	V_F	0.7	A
Averaged Forward Current.	I_{FAV}	3	
Peak Forward Surge Current @ 8.3ms	I_{FSM}	80	mA
Maximum DC Reverse Current $T_a=25^\circ\text{C}$ $T_a=100^\circ\text{C}$	I_R	0.5 10	
Junction Temperature	T_j	125	$^\circ\text{C}$
Storage Temperature	T_{stg}	-55 to 150	

■ Marking

Marking	SS34A
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Schottky Diodes

SS34AF (KS34AF)

■ Typical Characteristics

Fig.1 Forward Current Derating Curve

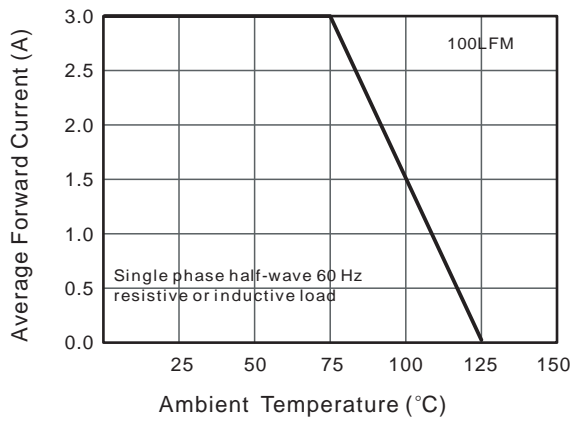


Fig.2 Typical Reverse Characteristics

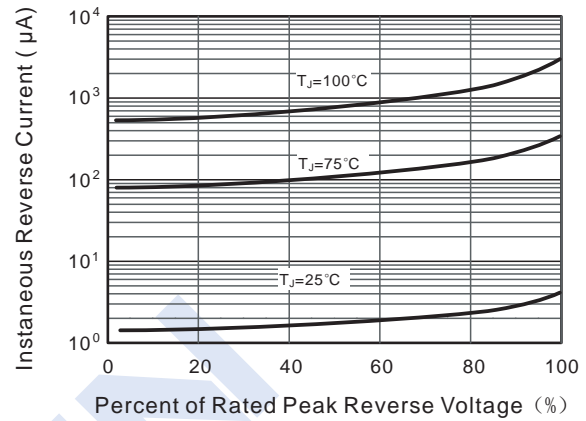


Fig.3 Typical Forward Characteristic

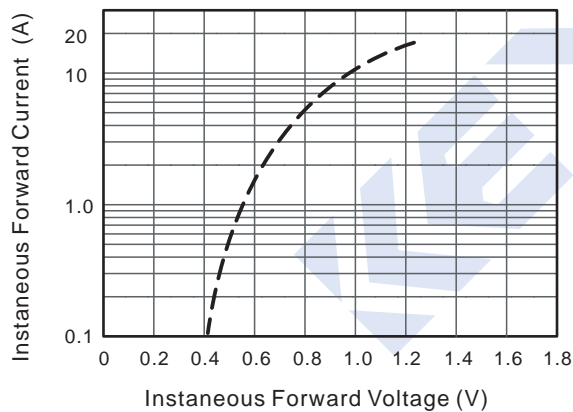


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current

