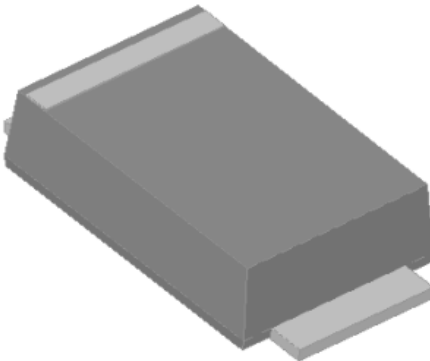



SS22F (SS22) THRU SS220F (S220)

Surface Mount Schottky Rectifier

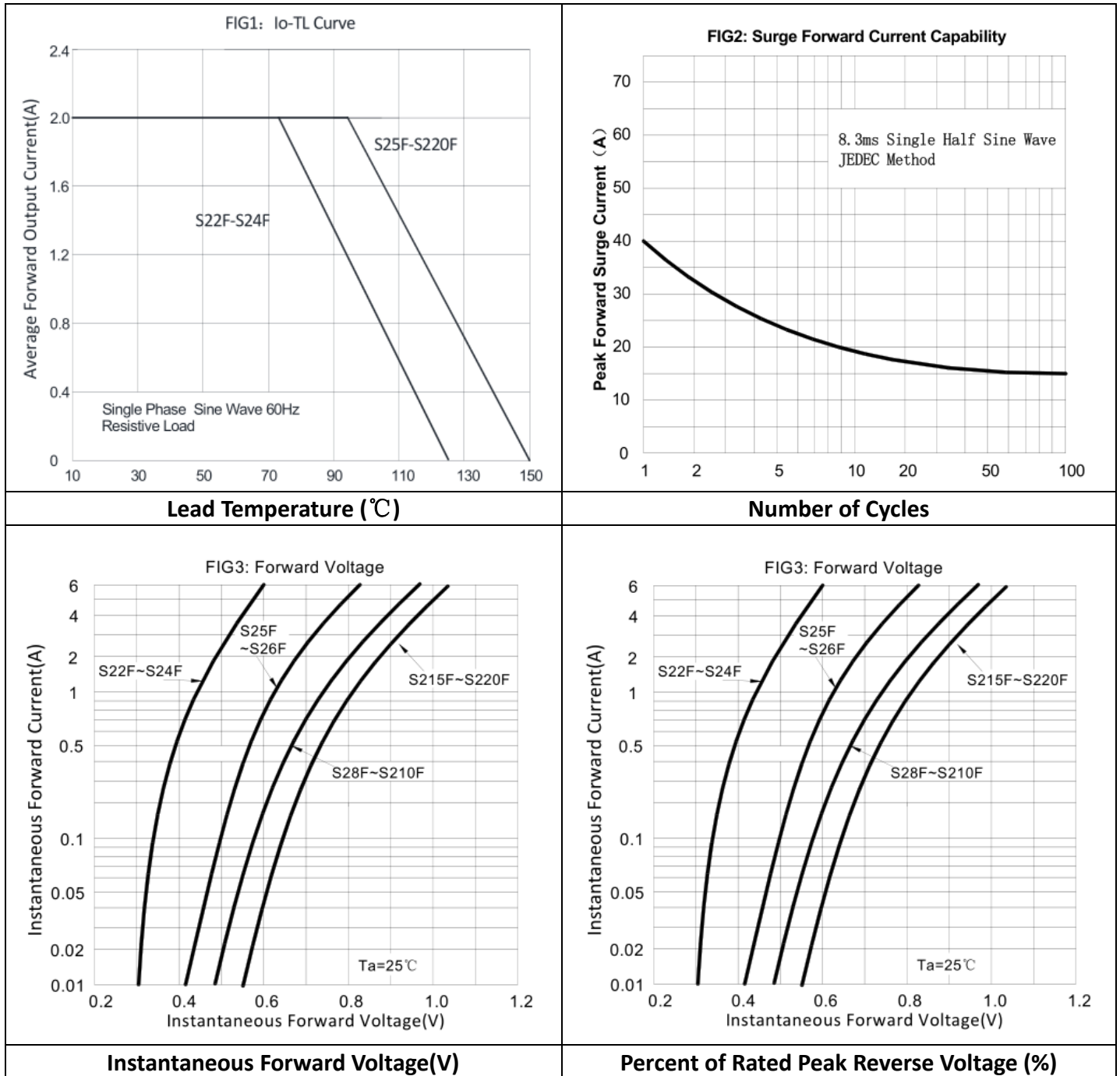
● Essential information; basic information

<p>Features</p> <ul style="list-style-type: none"> ● Low profile package ● Ideal for automated placement ● Guardring for overvoltage protection ● Low power losses, high efficiency ● High forward surge capability ● Meets MSL level 1, per J-STD-020, LF maximum peak of 260 °C <p>Typical Applications</p> <p>For use in low voltage high frequency inverters, freewheeling, DC/DC converters, and polarity protection applications.</p> <p>Mechanical Data</p> <ul style="list-style-type: none"> ● Package: SMAFL <p>Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant</p> <ul style="list-style-type: none"> ● Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102 ● Polarity: Cathode line denotes the cathode end 	 
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● Maximum Ratings (Ta=25°C Unless otherwise specified)

PARAMETER	SYMBOL	UNIT	SS22F	SS24F	SS26F	SS28F	SS210F	SS215F	SS220F
			SS22	SS24	SS26	SS28	SS210	SS215	SS220
Maximum Repetitive peak reverse voltage	VRRM	V	20	40	60	80	100	150	200
Average rectified output current@60Hz sine wave, resistance load, TL (Fig.1)	IO	A	2.0						
Forward Surge Current (Non-repetitive)@60Hz Half-sine wave, 1 cycle, Tj=25°C	IFSM	A	40						
Storage temperature	Tstg	°C	-55 ~ +125						
Junction temperature	Tj	°C	-55 ~ +125			-55 ~ +150			
Maximum instantaneous forward voltage drop per diode	VF (IFM=2.0A)	V	0.6	0.7	0.85		0.9		
Maximum DC reverse current at rated DC blocking voltage per diode @VRM=VRRM	IR (Tj =25°C)	mA	0.5			0.1			
	IR (Tj =100°C)		10			5			

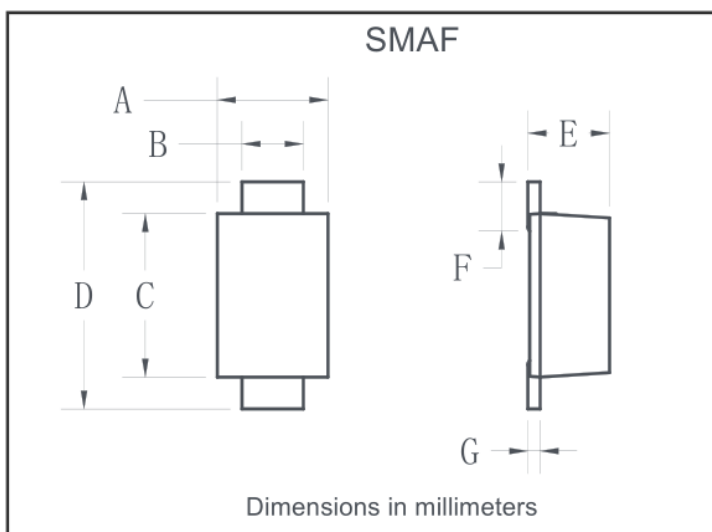
● Characteristics (Typical)



● Ordering Information (Example)

type specification	manner of packin	MINIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
SS22F-SS220F SS22-SS220 (SMAFL)	T/B	3000	18000	180000	7" reel
		3000	21000	210000	7" reel
		3000	24000	240000	7" reel
		5000	10000	100000	11" reel
		10000	20000	200000	13" reel

● Outline Dimensions



SMAF		
Dim	Min	Max
A	2.40	2.80
B	1.35	1.45
C	3.40	3.60
D	4.40	4.80
E	1.05	1.25
F	0.50	1.00
G	0.15	0.22

● Disclaimer

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