MSKSEMI















ESD

TVS

TSS

MOV

GDT

PLED

Broduct data speet



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FEATURES

- → The plastic package carries Underwriters Laboratory Flammability Classification 94V-0
- For surface mounted applications

- Low reverse leakage
 Built-in strain relief,ideal for automated placement
- High forward surge current capability
 High temperature soldering guaranteed: 250°C/10 seconds at terminals

MECHANICAL DATA

Case: DO-214AC

Terminals: leads solderable per MIL-STD-750,

Method 2026

Polarity: Color band denotes cathode end

Mounting Position: Any

Weight: 0.002 ounce, 0.07 grams

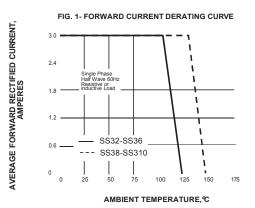
MAXIMUM RATINGS AND ELECTRICAL CHARACTERISTICS

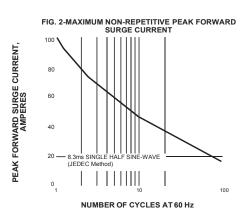
Ratings at 25°C ambient temperature unless otherwise specified. Single phase half-wave 60Hz, resistive or inductive load, for capacitive load current derate by 20%.

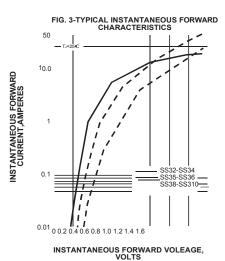
	SYMBOLS	SS22-MS	SS24-MS	SS26-MS	SS210-MS	SS2200-MS	UNITS
Maximum repetitive peak reverse voltage		20	40	60	100	200	VOLTS
Maximum RMS voltage		14	28	42	70	140	VOLTS
Maximum DC blocking voltage		20	40	60	100	200	VOLTS
Maximum average forward rectified current at TL(see fig.1)		2.0				Amps	
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load (JEDEC Method)	lfsm	50.0			Amps		
Maximum instantaneous forward voltage at 2.0A	VF	0.	55	0.70	0.85	0.95	Volts
Maximum DC reverse current Ta=25°C		0.5 0.2 10.0 5.0 2.0		0.2	mA		
at rated DC blocking voltage Ta=100°C	lR				5.0	2.0	IIIA
Typical junction capacitance (NOTE 1)	Сл	220 180			pF		
Typical thermal resistance (NOTE 2)		75.0				°C/W	
Operating junction temperature range	ТJ,	T _J , -65 to +125 -65 to +150		o +150	°C		
Storage temperature range		-65 to +150				°C	

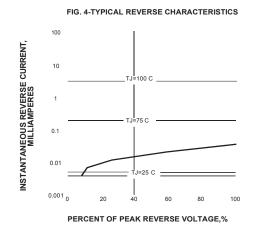
Note:1.Measured at 1MHz and applied reverse voltage of 4.0V D.C. 2.P.C.B. mounted with 0.2x0.2"(5.0x5.0mm) copper pad areas

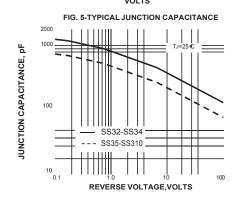


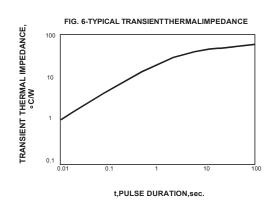






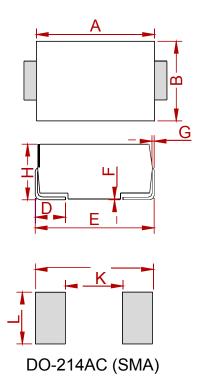








PACKAGE MECHANICAL DATA



	Dimensions							
Ref.	Millin	neters	Inches					
	Min.	Max.	Min.	Max.				
Α	4.25	4.65	0.167	0.183				
В	2.50	2.90	0.098	0.114				
С	1.35	1.65	0.053	0.065				
D	0.76	1.52	0.030	0.060				
Ε	4.93	5.28	0.194	0.208				
F	0.051	0.203	0.002	0.008				
G	0.15	0.31	0.006	0.012				
Н	1.98	2.41	0.078	0.095				
J	6.50		0.256					
K		2.30		0.090				
L	1.70		0.067					

REEL SPECIFICATION

P/N	PKG	QTY
SS22-MS THRU SS2200-MS	SMA	2000



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