

RS2AF~RS2MF  
Rev.F May.-2019

@ f Parameter	... Z Symbol	f <sup>1</sup> Rating							% y Unit
		RS2AF	RS2BF	RS2DF	RS2GF	RS2JF	RS2KF	RS2MF	
Maximum Repetitive Peak Reverse Voltage	V <sub>RRM</sub>	50	100	200	400	600	800	1000	V
Maximum RMS voltage	V <sub>RMS</sub>	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	V <sub>DC</sub>	50	100	200	400	600	800	1000	V
Maximum Average Forward Rectified Current at Ta = 125	I <sub>F(AV)A</sub>	2.0							A
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I <sub>FSM</sub>	50							A
Typical Junction Capacitance <sup>1A</sup>	C <sub>j</sub>	35							pF
Typical Thermal Resistance <sup>2A</sup>	R <sub>JA</sub>	60							/W
Operating and Storage Temperature Range	T <sub>j</sub> , T <sub>stg</sub>	-55~+150							

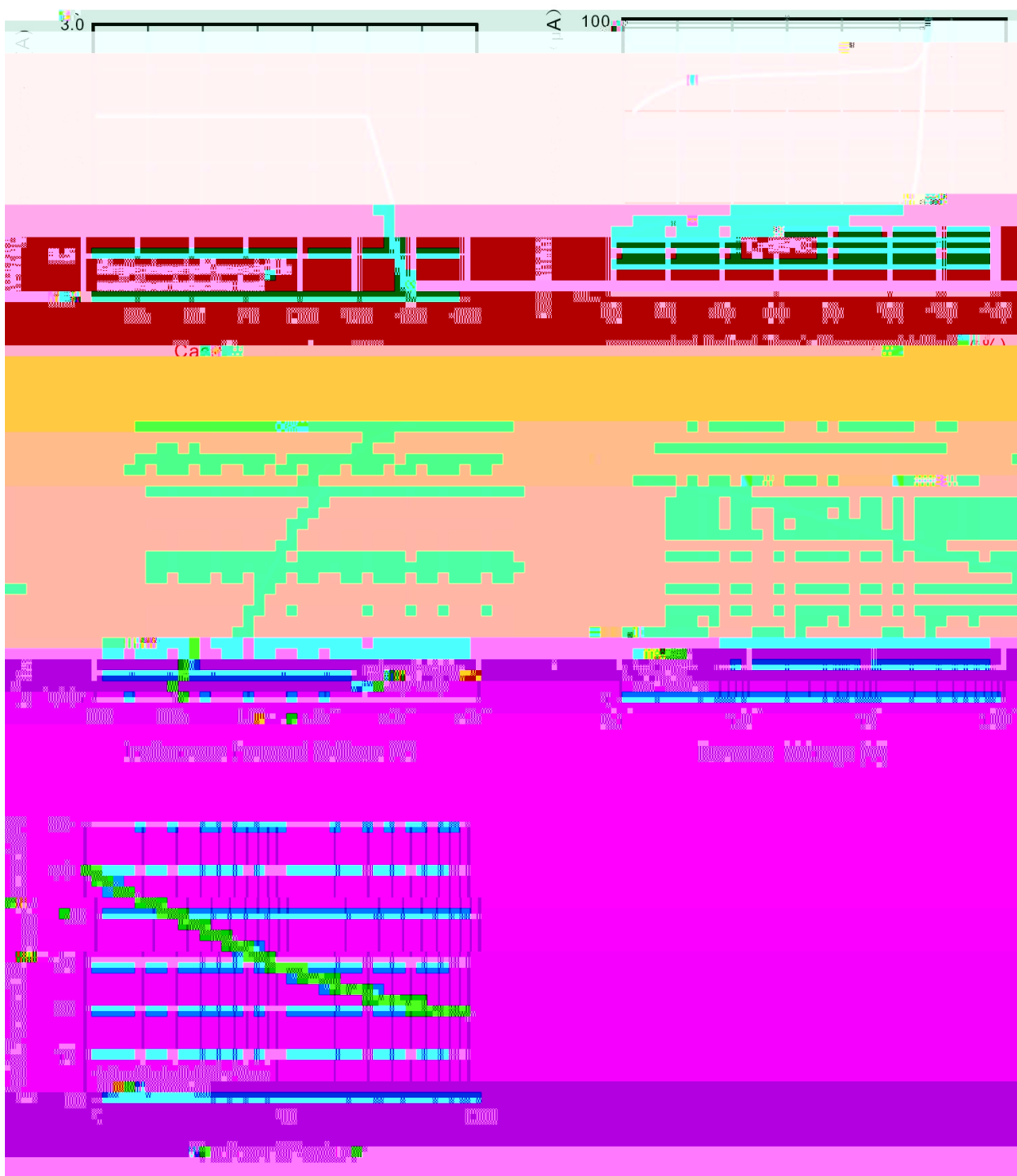
Note:

1) Measured at 1MHz and applied reverse voltage of 4V D.C

2) P.C.B. mounted with 1.0 X 1.0" (2.54 X 2.54 cm) copper pad areas.

@ f Parameter	... Z Symbol	y i Ú ^ Test Conditions	D Rating							% y Unit
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Electrical Characteristic Curve

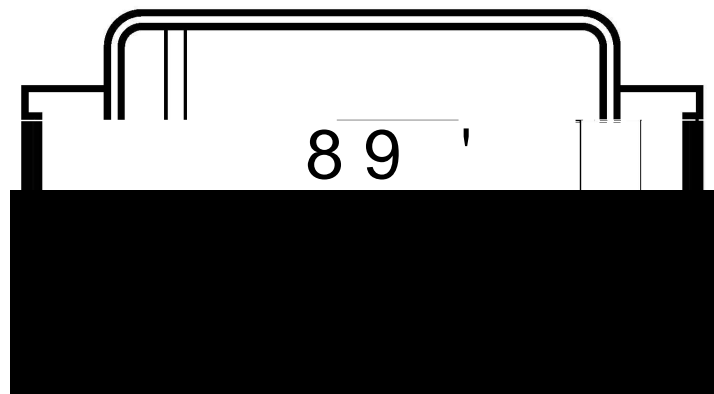




# Marking

Type number	Marking code
RS2AF	RS2A
RS2BF	RS2B
RS2DF	RS2D
RS2GF	RS2G
RS2JF	RS2J
RS2KF	RS2K
RS2MF	RS2M

, M y f / Marking Instructions



<sup>a</sup> ç y  
89 'y ° Z W A  
\*\*\*\* y ÿ D Z A Ç A k † v ã W A k e µ ç ã 4 Z W A

Note:

89 'y Product Type Code

\*\*\*\* y Lot No. Code kThe 1st means:YM Code kThe last 3 means:little Lot No Code

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DATA SHEET