

# RS2AW~RS2MW

Rev.F Jul.-2022



DATA SHEET

E	2017-10				



Ta= 65℃改为 Ta= 125℃，更新 Ta 曲线图，C<sub>j</sub>由 40pF 更新为 30pF，  
R

F 2022-7-23

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Parameter	Symbol	Rating							Unit
		RS2AW	RS2BW	RS2DW	RS2GW	RS2JW	RS2KW	RS2MW	
Maximum Repetitive Peak Reverse Voltage	$V_{RRM}$	50	100	200	400	600	800	1000	V
Maximum RMS voltage	$V_{RMS}$	35	70	140	280	420	560	700	V
Maximum DC Blocking Voltage	$V_{DC}$	50	100	200	400	600	800	1000	V



\$ , - 1 2 3 / Electrical Characteristic Curve

Fig.1 Forward Current Derating Curve

Fig.2 Typical Reverse Characteristics

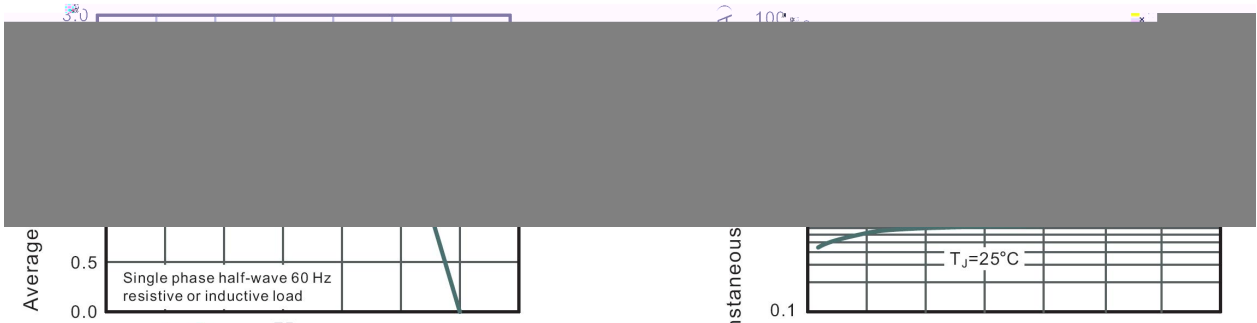
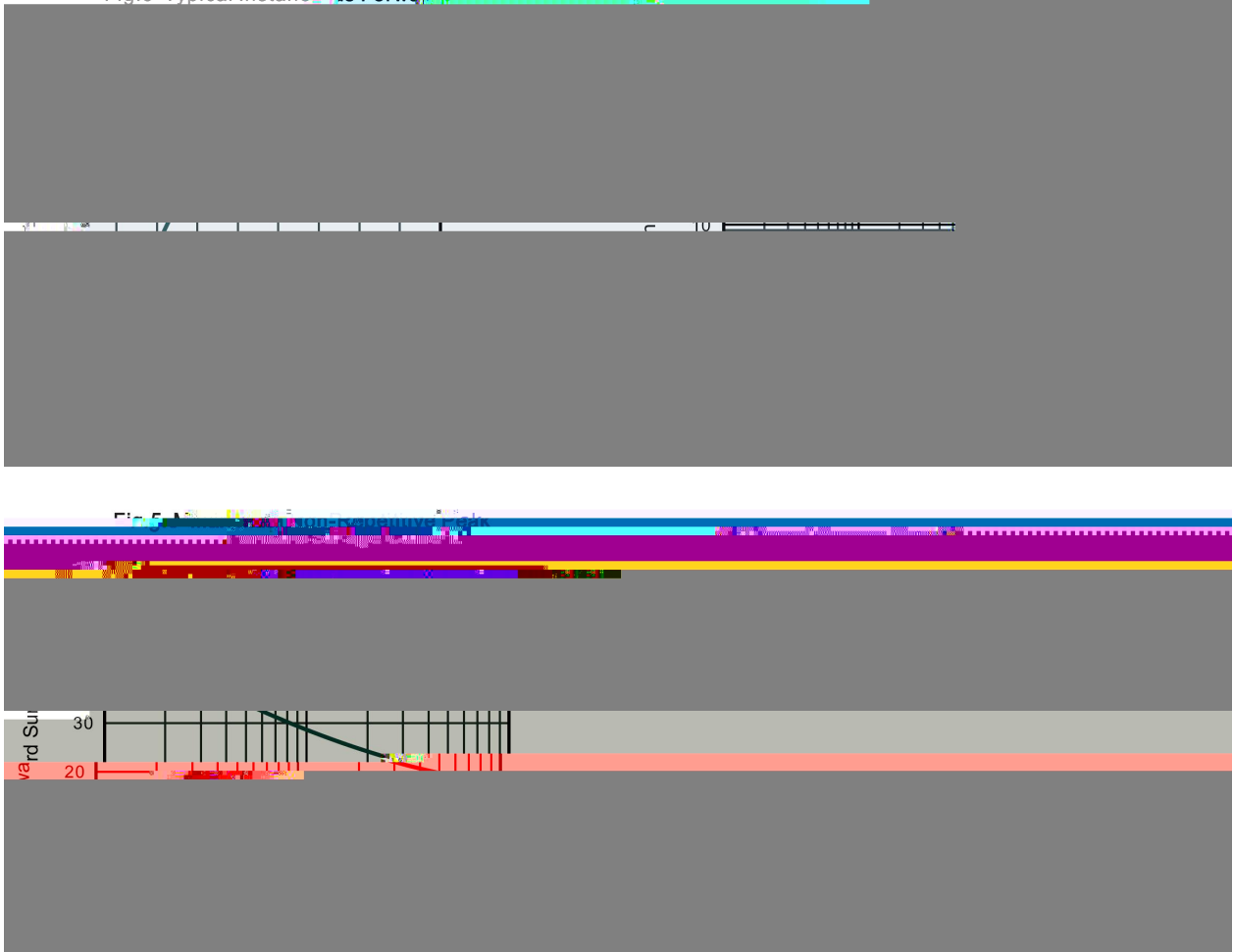


Fig.3 Typical Instantaneous Forward

Fig.4 Typical Junction Capacitance

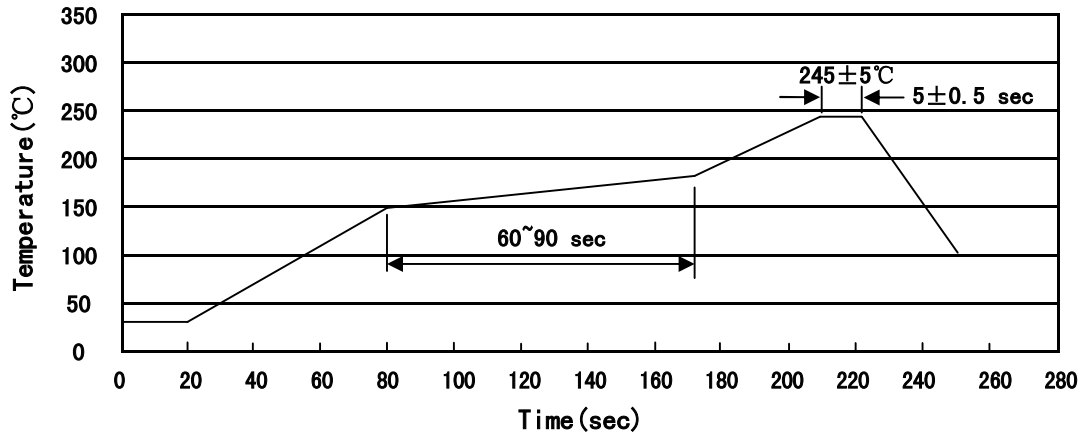


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< = > ? @ 1 2 3 (A B) / CDE FDGHIJ KLMNOPQR;SLO TUVWXYZ [ \ ] ^ \_ ` a b /



Note:

- 1            150 180            60 90sec;            1.Preheating:150~180°C, Time:60~90sec.
- 2            245±5                    5±0.5sec;            2.Peak Temp.:245±5°C, Duration:5±0.5sec.
- 3                            2 10°C/sec.            3. Cooling Speed: 2~10°C/sec.

\ > ] ^ \_ ` a b / Resistance to Soldering Heat Test Conditions

260±5°C                    10±1 sec.                    Temp.:260±5°C                    Time:10±1 sec

c d e f / Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm <sup>3</sup> )		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SOD-123FL	3000	8	24000	6	144000	7" x8	185X180X105	390X385X205

g † 8 9 / Notices