



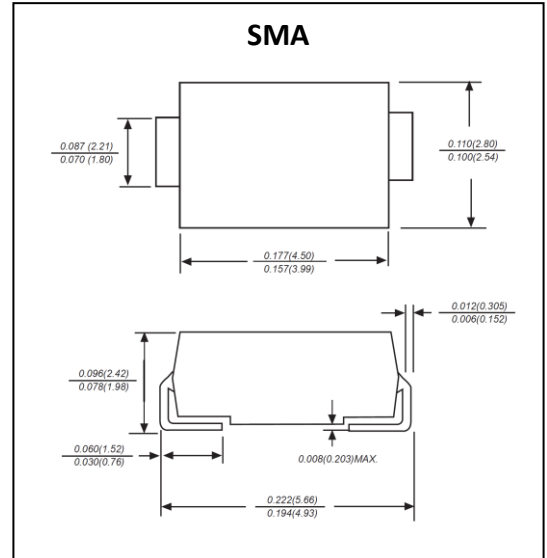
RS1A-RS1M Fast Recovery Rectifier

Feature

- I_o 1A
- V_{RRM} 50V-1000V
- Low reverse leakage
- High surge current capability

Application

- Rectifier



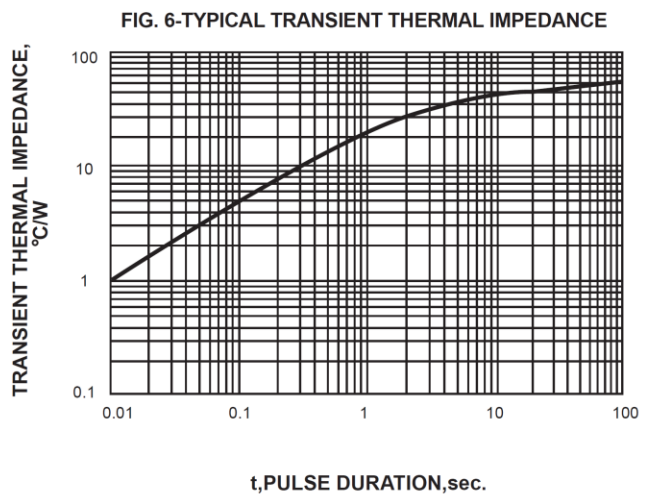
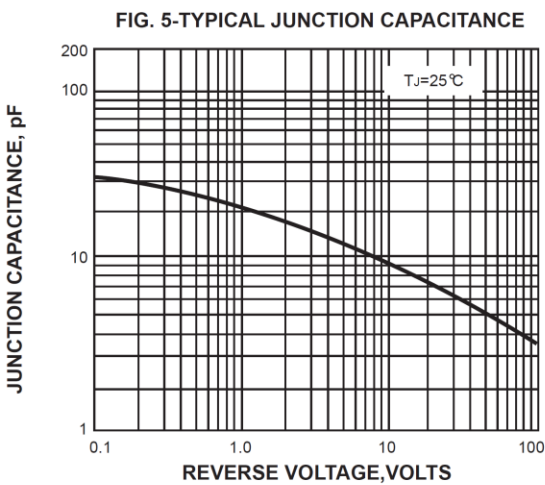
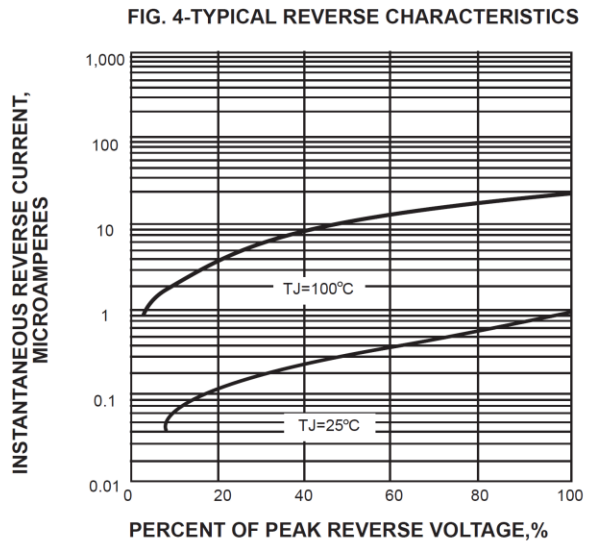
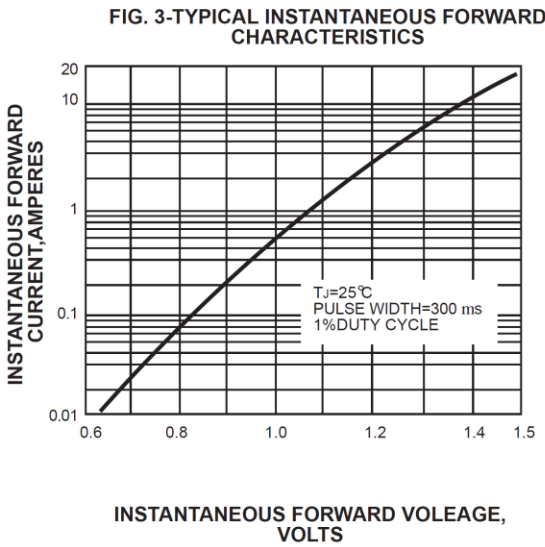
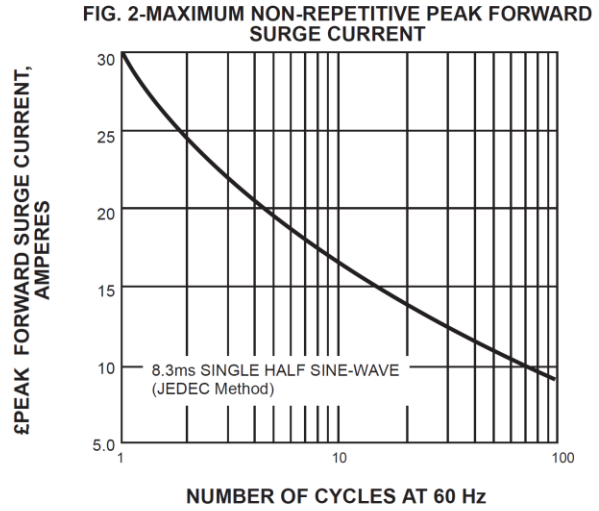
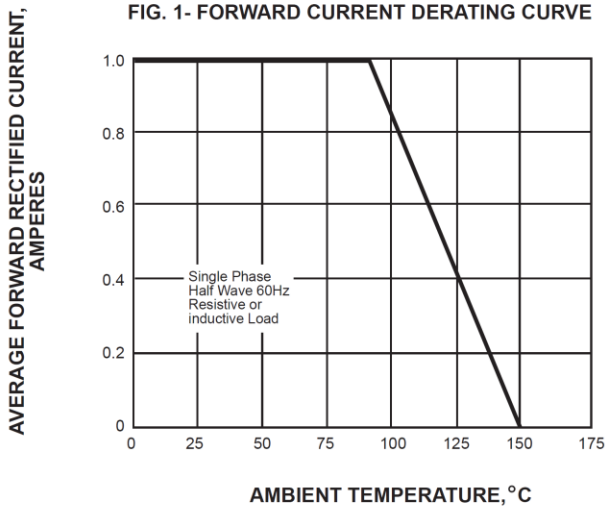
ABSOLUTE MAXIMUM RATINGS (T_a=25°C unless otherwise noted)

Parameter	Symbol	RS							Unit
		1A	1B	1D	1G	1J	1K	1M	
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
Average Forward Current 60HZ Half-sine wave, Resistance load, T _L =115°C	I _{F(AV)}	1							A
Non-repetitive Peak Forward Surge Current 60Hz Half-sine wave ,1 cycle ,T _a =25°C	I _{FSM}	30							A
Junction Temperature	T _J	-65 ~ +150							°C
Storage Temperature	T _{STG}	-65 ~ +150							°C

ELECTRICAL CHARACTERISTICS (T_a=25°C unless otherwise noted)

Parameter	Symbol	Test Condition	RS							Unit
			1A	1B	1D	1F	1G	1J	1K	
Peak Forward Voltage	V _F	I _F =1A	1.3							V
Maximum reverse recovery time	t _{rr}	I _F =0.5A, I _R =1.0A, I _{rr} =0.25A	150				250	500		ns
Peak Reverse Current	I _{RRM1}	V _{RM} =V _{RRM}	T _a =25°C		5					uA
	I _{RRM2}		T _a =100°C		50					uA
Junction Capacitance	C _J		15							pF
Thermal Resistance (Typical)	R _{θJ-A}	Between junction and ambient	50							°C/W

Typical Characteristics



单击下面可查看定价，库存，交付和生命周期等信息

[>>GP\(格瑞宝\)](#)