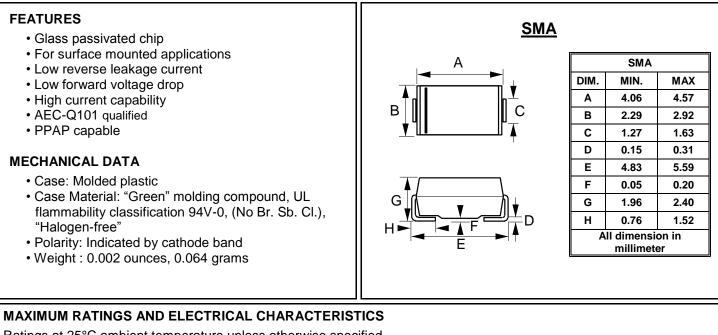


SURFACE MOUNT GLASS PASSIVATED RECTIFIER

AS1A thru AS1M

REVERSE VOLTAGE – 50 to 1000 Volts FORWARD CURRENT – 1.0 Ampere



Ratings at 25°C ambient temperature unless otherwise specified.

/RRM /RMS /DC =(AV)	50 35 50	100 70 100	200 140 200	400 280	600 420	800 560	1000 700	V V
V _{DC}				280	420	560	700	M
	50	100	200				700	v
F(AV)			200	400	600	800	1000	V
	1.0							А
FSM	30							А
VF	1.1							V
I _R	5.0 100							uA
T _{RR}	1300						ns	
CJ	10							pF
thJ∟ thJ _C	30							°C/W
TJ	-55 to +150							°C
STG	-55 to +150						°C	
T _I C th th	RR ² J hJL hJ _C	RR 2J hJL nJ _C	۳۳ RR hJL hJC	۳۳ RR hJL hJC 	R 100 RR 1300 CJ 10 hJL 30 CJ -55 to +150	RR 100 RRR 1300 CJ 10 hJL 30 CJ -55 to +150	R 100 RR 1300 CJ 10 hJL 30 CJ -55 to +150	R 100 RR 1300 CJ 10 hJL 30 CJ -55 to +150

REV. Pre-0, Oct-2017, KSDA08

NOTES :

1.Reverse Recovery Test Conditions :IF=0.5A,IR=1.0A,IRR=0.25A.

2.Measured at 1.0MHz and applied reverse voltage of 4.0V DC.

3. Thermal Resistance Junction to Lead and Case.

RATING AND CHARACTERISTIC CURVES AS1A thru AS1M

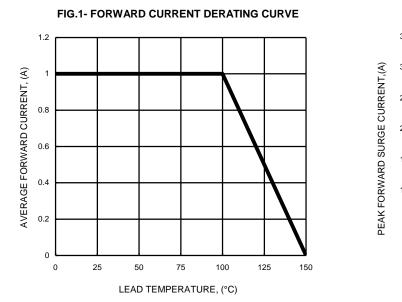
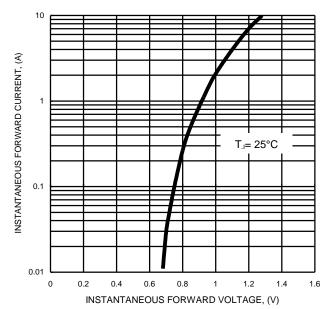


FIG.3- TYPICAL FORWORD CHARACTERISTICS



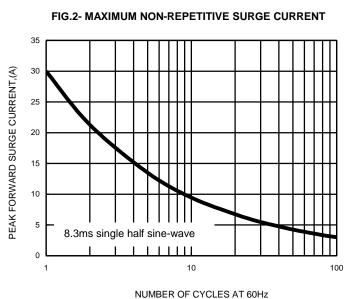
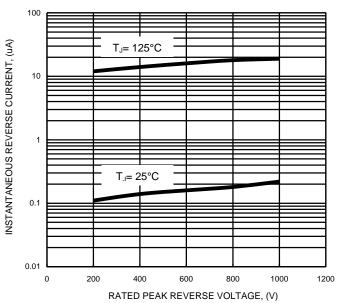


FIG.4- TYPICAL REVERSE CHARACTERISTICS







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