! / Revised record

	! " #	$! % & '	! ( ) % * +	, -	. /
			0 1 2 3 4 5 3 6 * + 7 8 3 9 1 2 6 : ; 9 < = 6 : ; > ? @ A	B C D	E F G
		9 9	H I J K L H M % N O P Q 4 5 R S T U P 9 < = P	B C D	V F W
		9	< = X Y	Z [	V F W
			C_j 6 : C_j \ $R_{\theta JA}$ =115℃/W改为$R_{\theta JA}$ =80℃/W增加RθJC，更新参数曲线图、回流焊图。	Z [	V F W

& ' / Descriptions

50V~1000V 1.0A SMAF

Surface Mount General Purpose Silicon Rectifiers,Reverse Voltage:50 to1000V,Forward Current:1.0A,SMAF thin package.

( ) / Features

RoHS 2011/65/EU

Glass Passivated Chip Junction,Lead free in comply with EU RoHS 2011/65/EU directives,For surface mounted applications,Easy to pick and place.Halogen free product.

* + / Applications

.

General purpose.

, - . / 0 1 / Equivalent Circuit



2 3 4 5 / Pinning





" # $ % / Marking

See Marking Instructions.

Parameter	Symbol	Rating				Unit
		S1AF	S1BF	S1DF	ضذ	

0 8 9 = > ? / Electrical Characteristic Curve

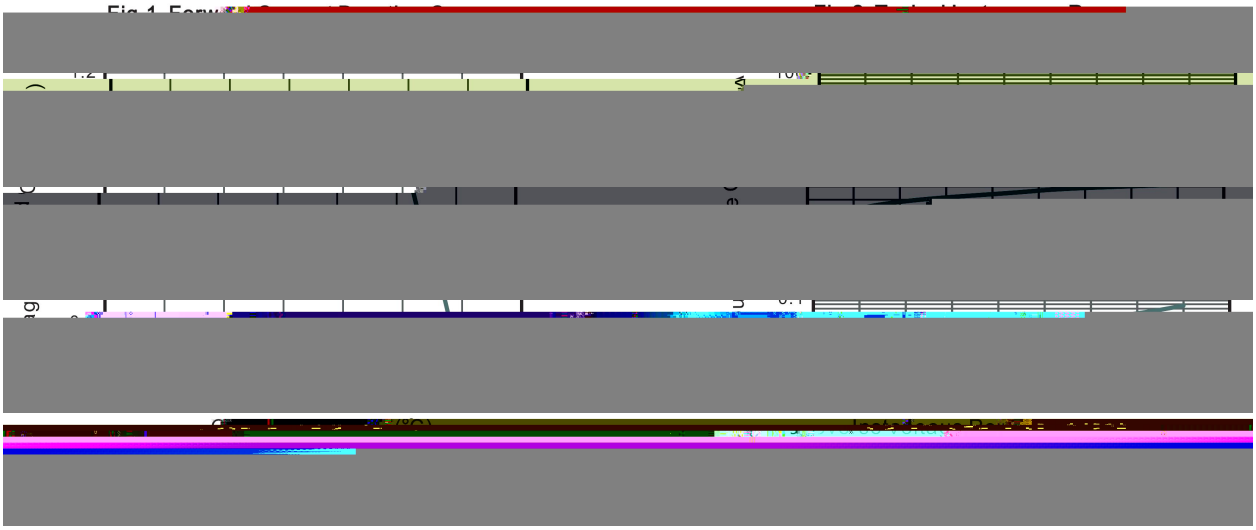
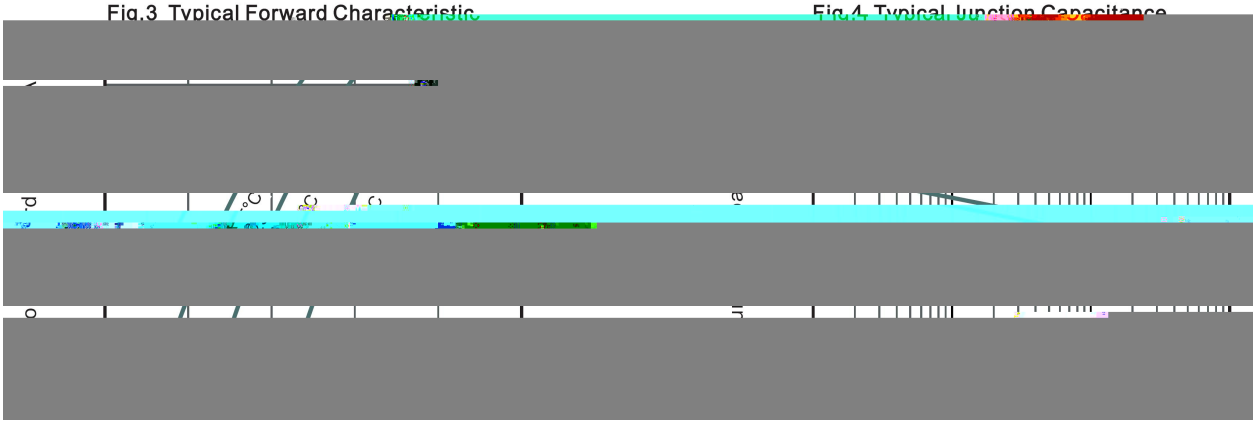


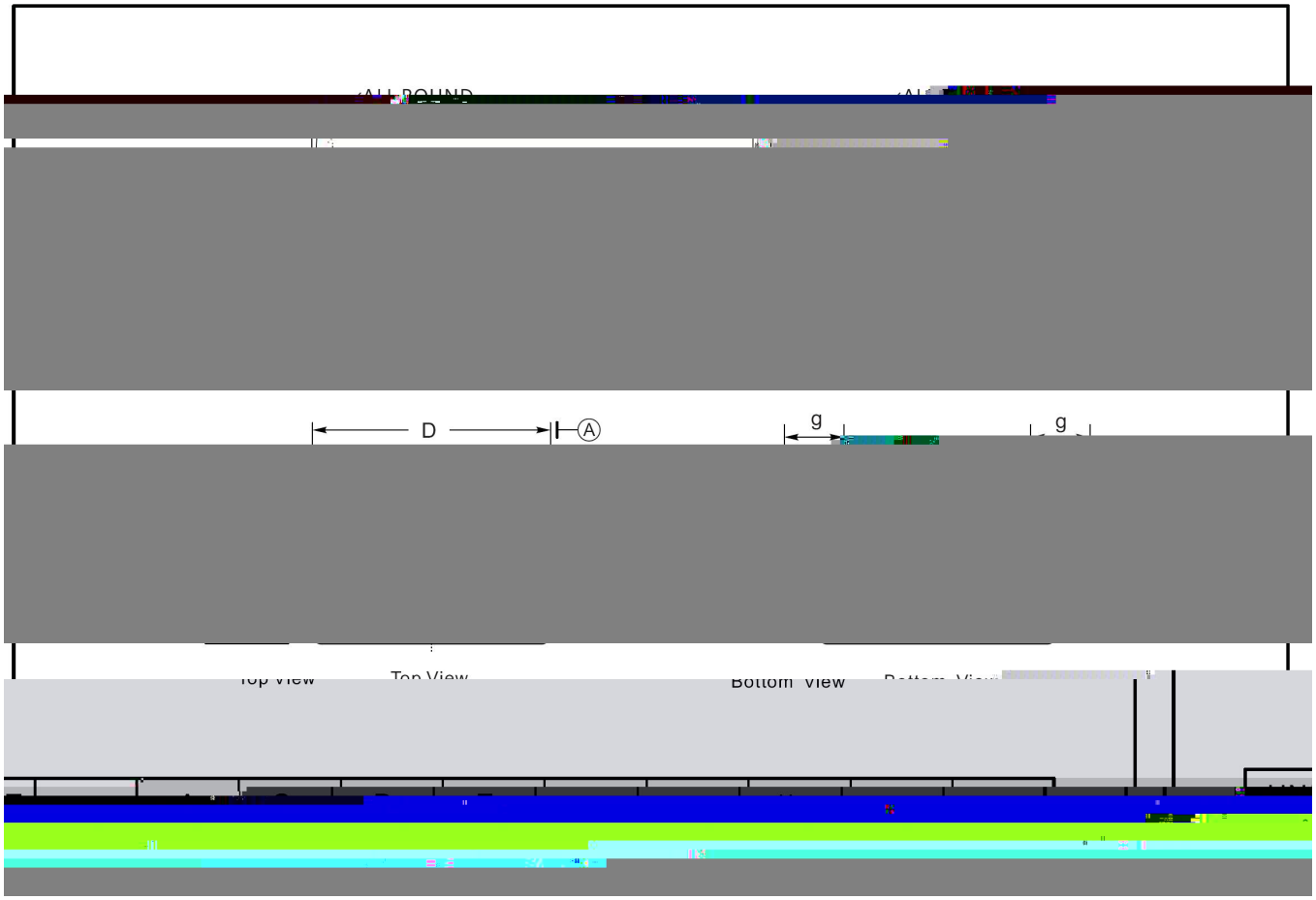
Fig.3 Typical Forward Characteristic

Fig.4 Typical Junction Capacitance

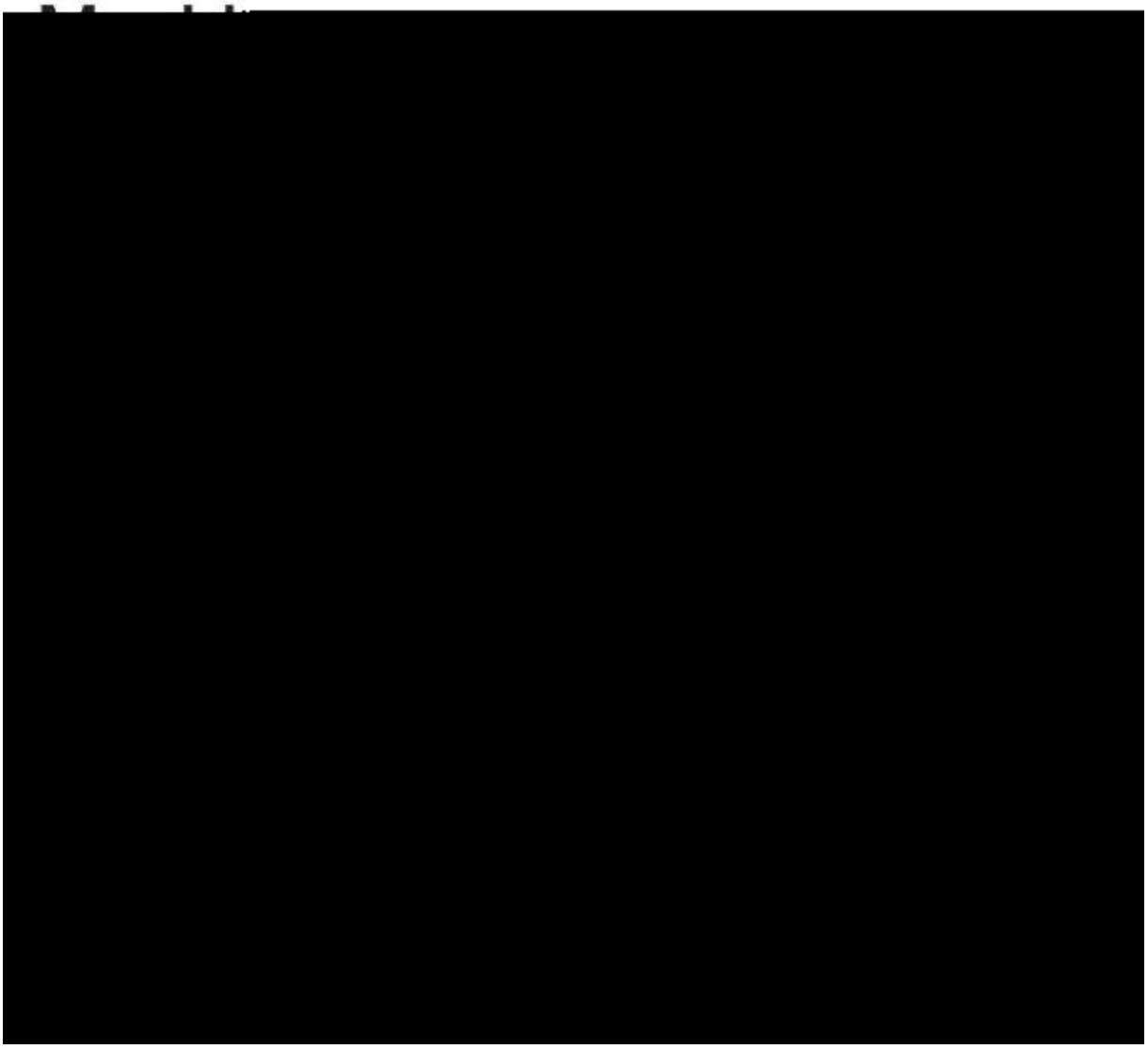




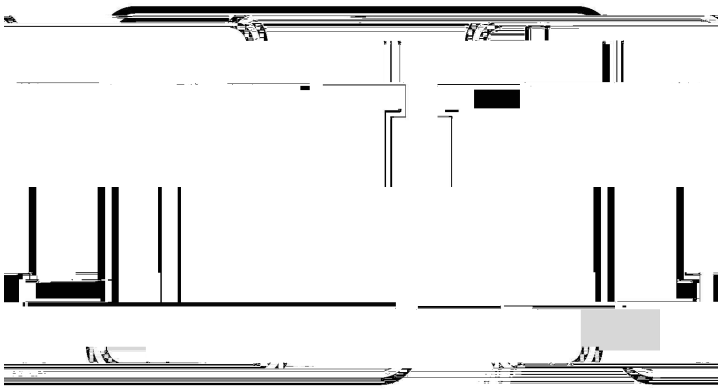
@ A B C ? / Package Dimensions



" # D E / Marking Instructions



" # D E / Marking Instructions



# # # #

S1M

**** 1 **F** 3 **F**

Note:

S1M Product Type Code

**** Lot No. Code The 1st **F** means:YM Code

te:

H I J K L = > ? (M N) / OPQRPSTUVSPGWSXYZ[PGYXSG\]G]PY[X^G_X[`PSZabcWdefSPPg

Note:

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