

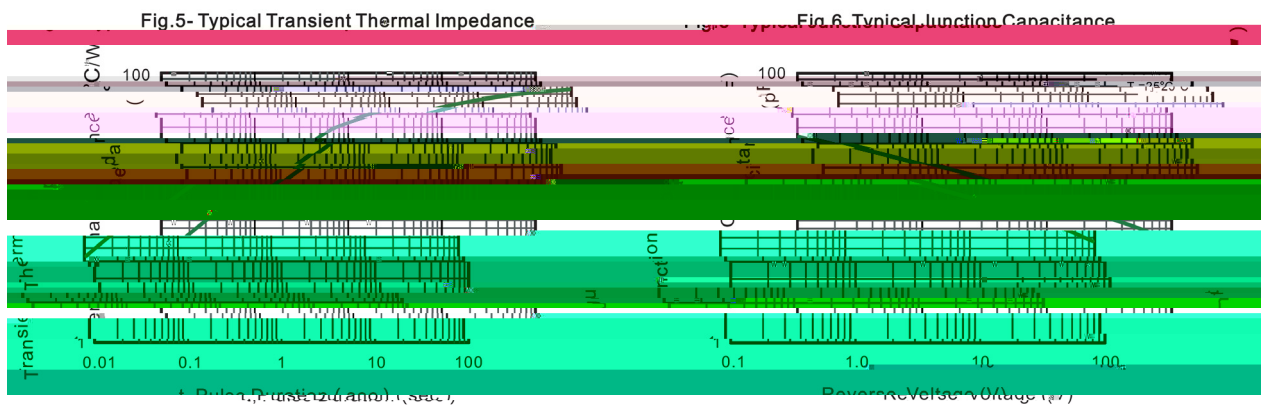
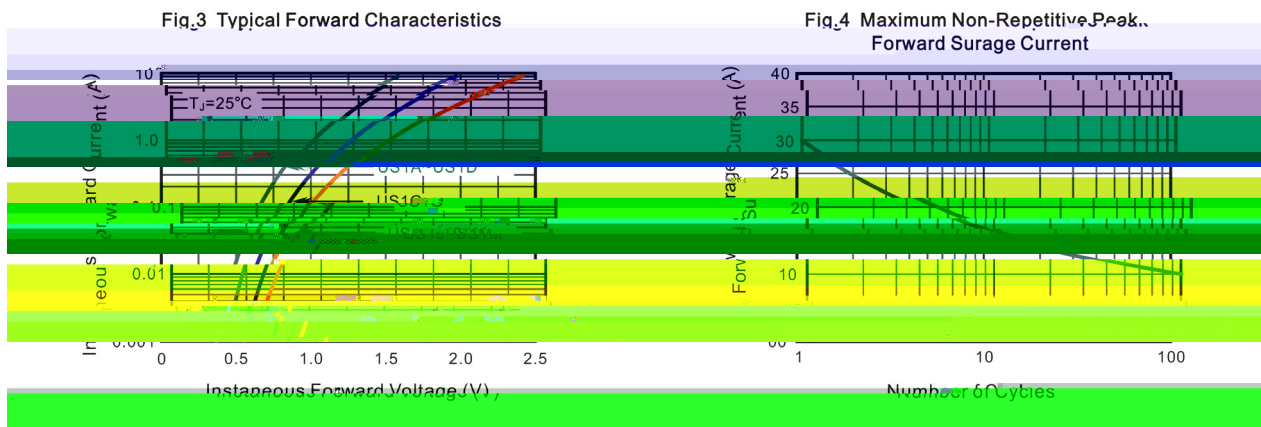
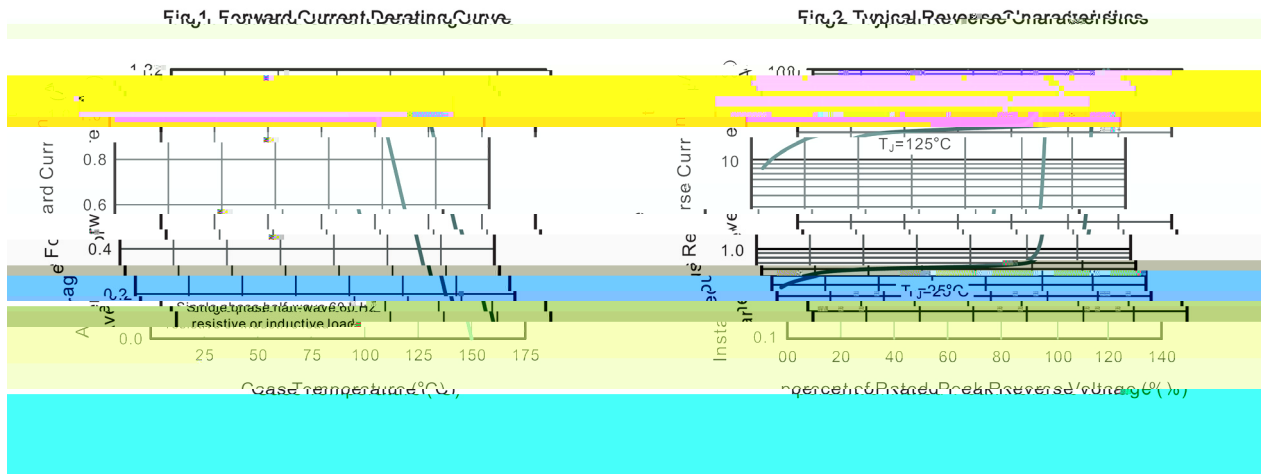


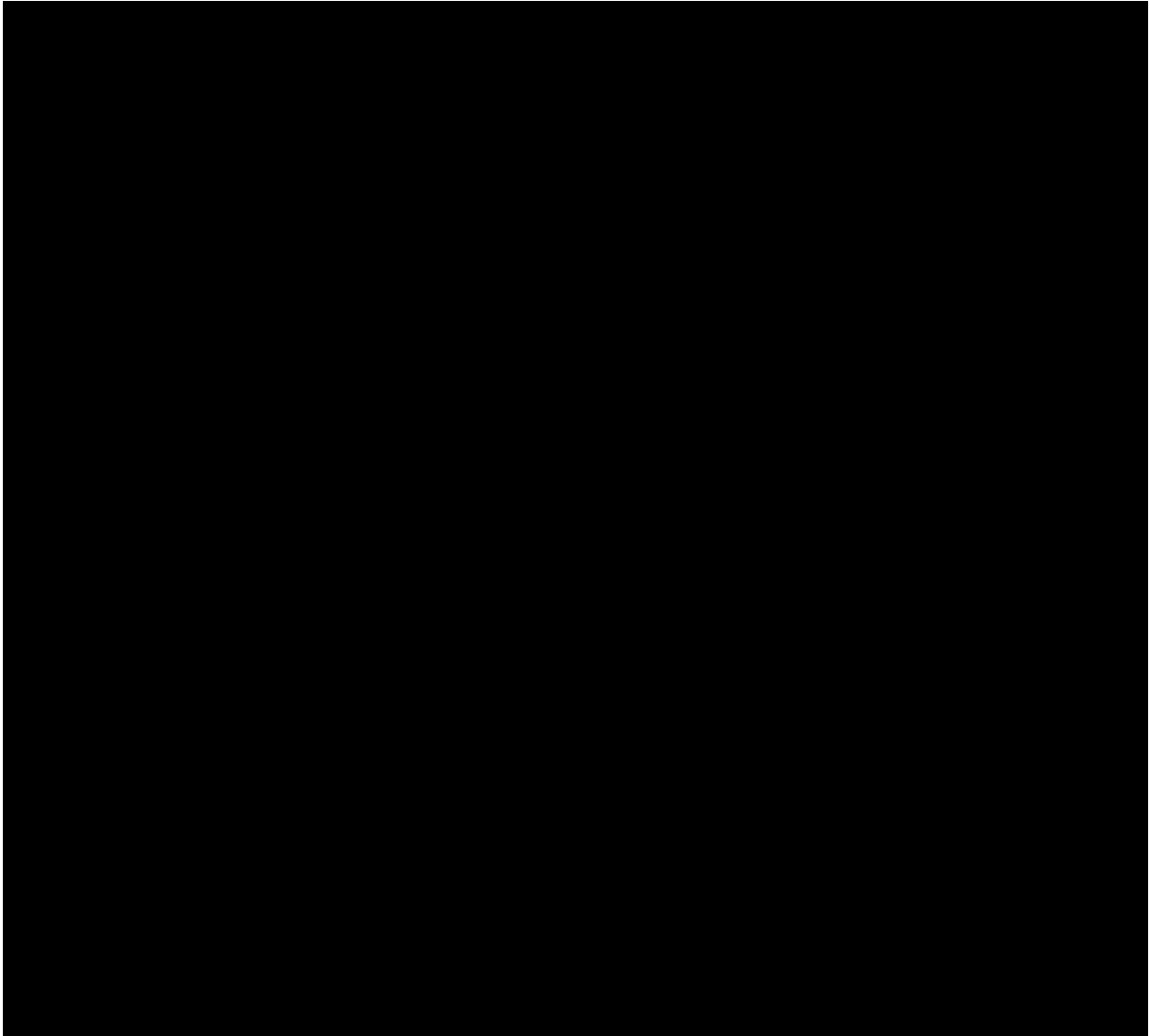
Note:

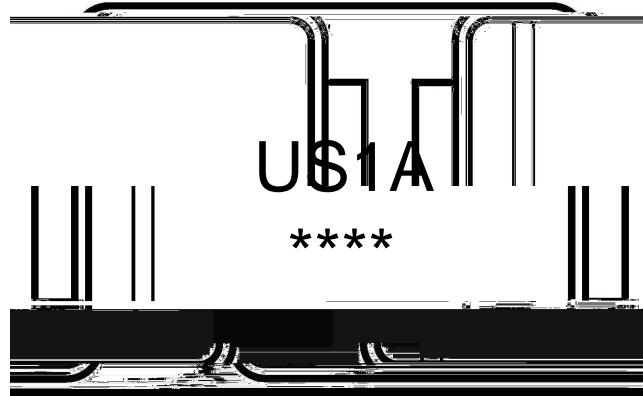
Parameter	Symbol	Rating								Unit
		US1A	US1B	US1D	US1G	US1J	US1K	US1M		

- (1) P.C.B. mounted with 2.0 X 2.0" (5 X 5 cm) copper pad areas.  
 (2) Measured at 1 MHz and applied reverse voltage of 4 V D.C.

Parameter	Symbol	Test condition	Rating						Unit
			US1A	US1B	US1D	US1G	US1J	US1K	
Maximum Instantaneous	$V_F$	$I_F=1.0A$	1.0			1.3	1.65		V
Reverse Current at Maximum DC	$I_R$	$T_a=25$	5.0						$\mu A$
Maximum Reverse Recovery Time	$T_{rr}$	$I_F=0.5A$ $I_R=1.0A$ $I_{rr}=0.25A$	50			75		ns	







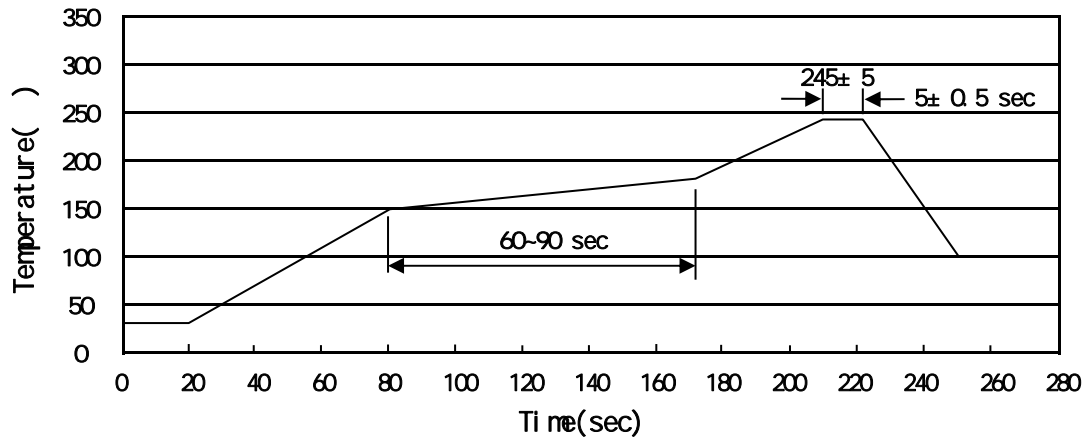
LJ(8

Note:

LJ(8     Product Type Code

Lot No. Code, code change with Lot No

Type number	Marking code
US1A	US1A
US1B	US1B
US1D	US1D
US1G	US1G
US1J	US1J
US1K	US1K
US1M	US1M

**Temperature Profile for IR Reflow Soldering(Pb-Free)**


Note:

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

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SMA	5,000	2	10,000	7	70,000	13 x12	336x336x40	380x335x366