

SS12~SS120
Rev. D Jun.-2021



20V~200V	1.0A	SMA
Surface Mount Schottky Barrier Rectifiers, Reverse Voltage 20 to 200V,Forward Current:1.0A ,SMA package.		

RoHS 2011/65/EU
Glass Passivated Chip Junction, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. HF product.

General purpose.

1		2	PIN	DESCRIPTION
		1		

The recommended

See Marking Instructions.



数值 Rating								单位 Unit
SS12	SS14	SS16	SS18	SS110	SS112	SS115	SS120	
20	30	60	80	100	120	150	200	V
14	18	42	56	70	84	105	140	V
20	30	60	80	100	120	150	200	V
1.0								A
25								A

Typical Junction
Capacitance at
 $V_R=4V$ $f=1MHz$

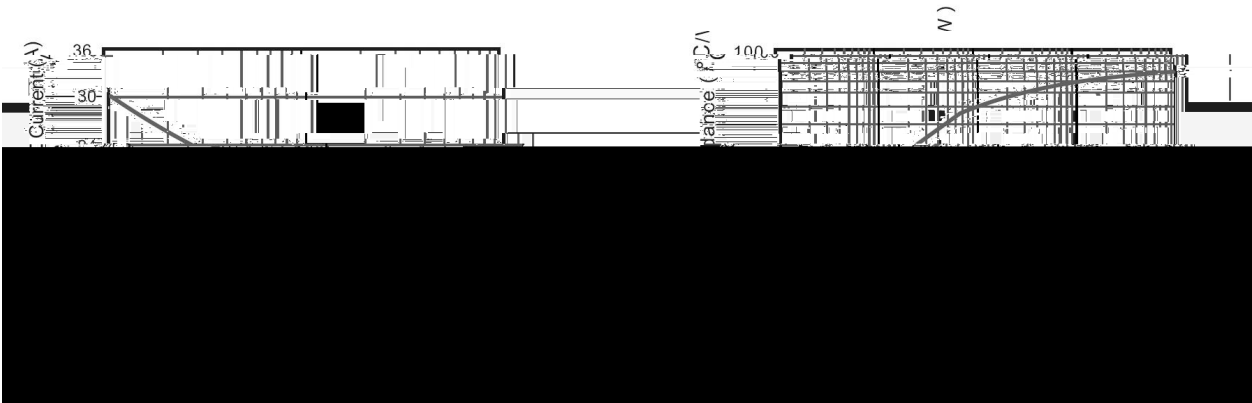
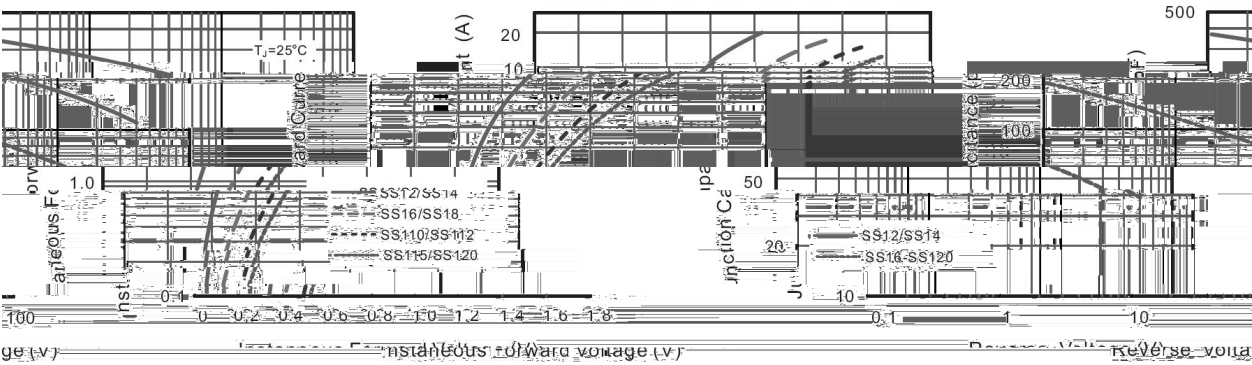
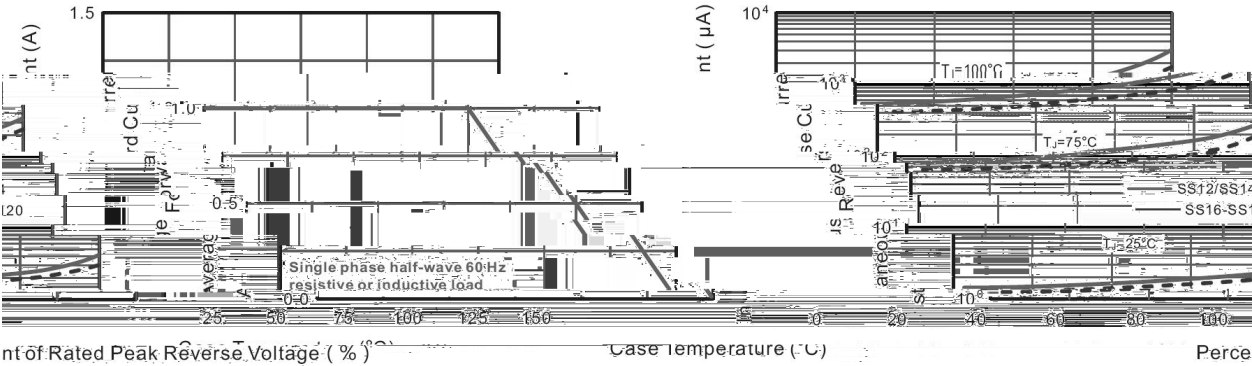
C_j

110

80

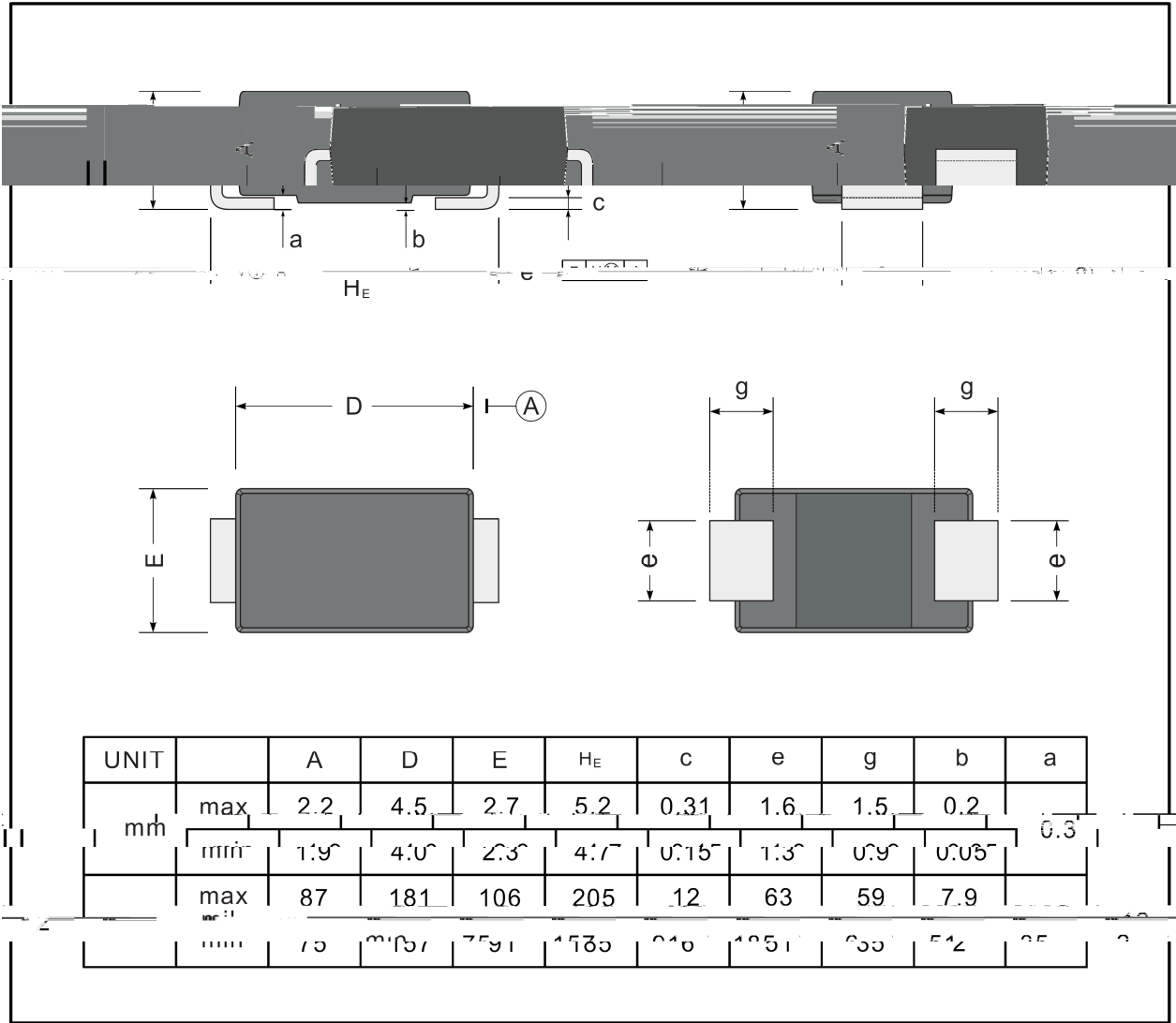
pF

/ Electrical Characteristic Curve



/ Package Dimensions

SMA



/ Marking Instructions

Type number	Marking code
SS12	SS12





SS12

1 *

3 *

Note:

SS12 Product Type Code

**** Lot No. Code The 1st * means:YM Code The last 3 * means:little Lot No
Code

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

12

Note:

- | | | | | | |
|---|-------|-------|-----------|--------|--|
| 1 | 150 | 180°C | 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. |

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	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
SMA	5000	2	10000	7	70000	13" ×12	336X336X40	335X366