

/ Descriptions

40V 5.0A SMB
Surface Mount Schottky Barrier Rectifiers, Reverse Voltage 40V, Forward Current: 5.0A ,SMB package.

/ Features

Low power loss, High efficiency, High forward surge current capability, For surface mounted applications. HF product.

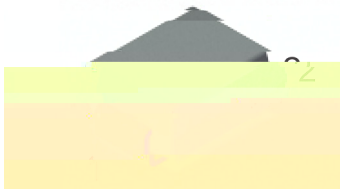
/ Applications

General purpose.

/ Equivalent Circuit

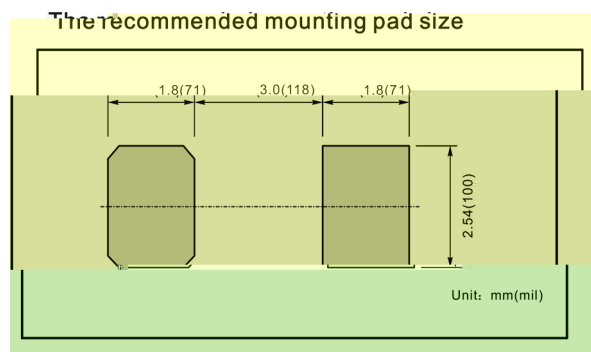


/ Pinning



PINNING

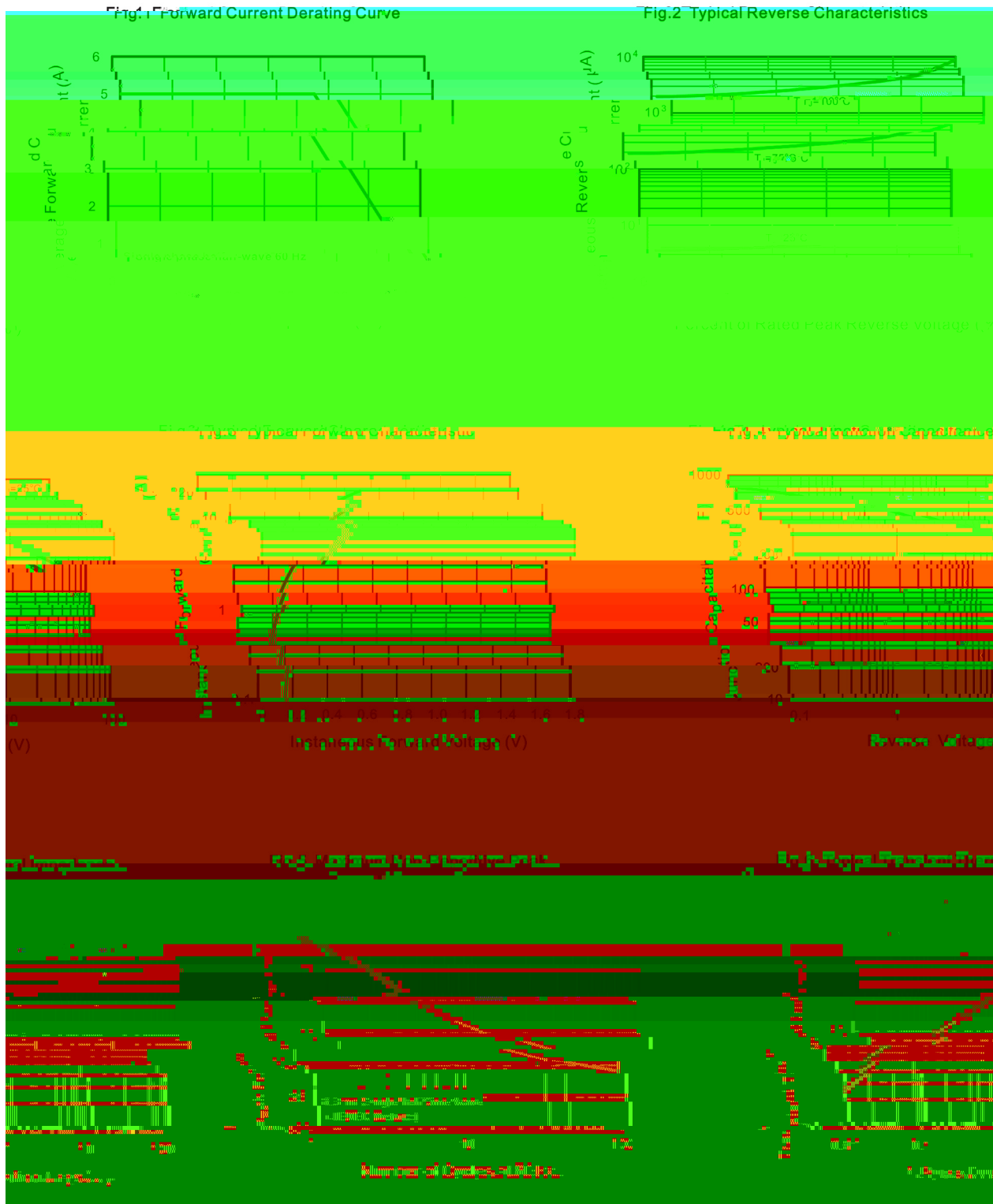
PIN	DESCRIPTION
1	Cathode
2	Anode



/ Marking

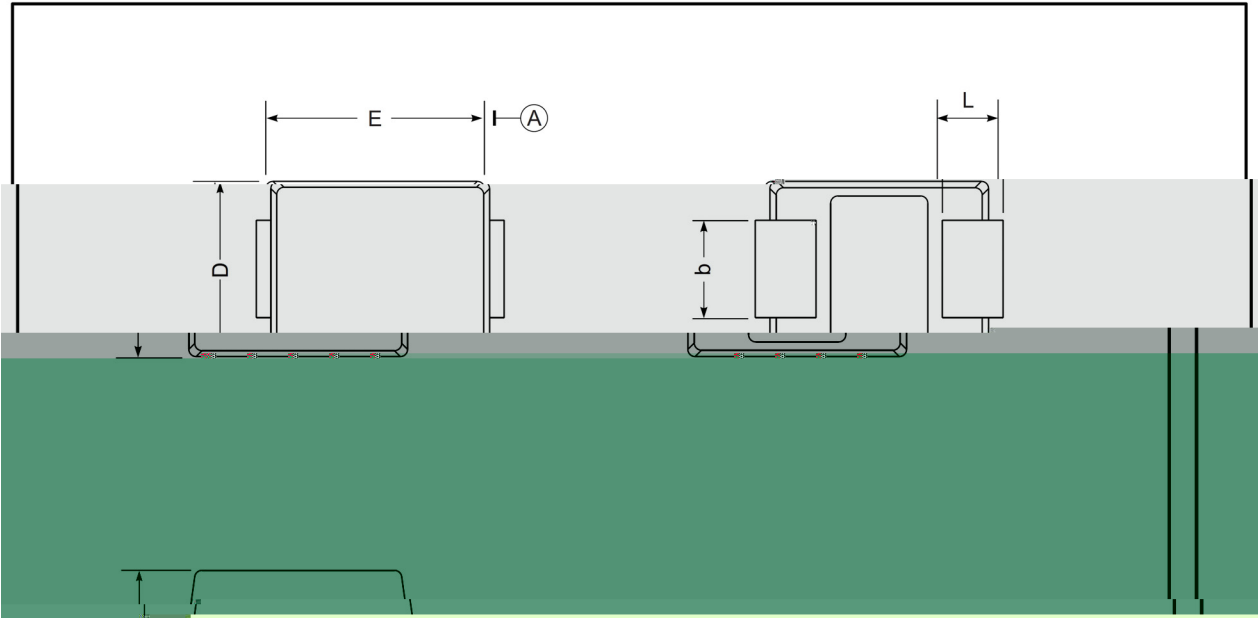
Type number	Marking
SSL54B	SSL54

/ Electrical Characteristic Curve



/ Package Dimensions

SMB



SMB mechanical data									
UNIT	A	E	D	E	A	L	C	b	
mm	2.44	1.70	0.91	5.50	0.20	1.5	0.665	0.2	
in	0.096	0.067	0.036	0.217	0.008	0.059	0.026	0.008	

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



- Note:
- 1

150 180

60 90sec;

2

245±5

5±0.5sec;

3

2 10 /sec.
- 1.Preheating:150~180 , Time:60~90sec.

2.Peak Temp.:245±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type	Units	Dimension	(unit mm ³)
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