/ 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

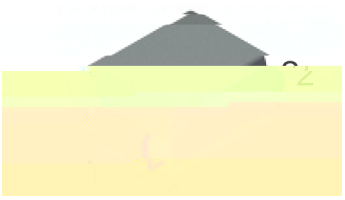
.

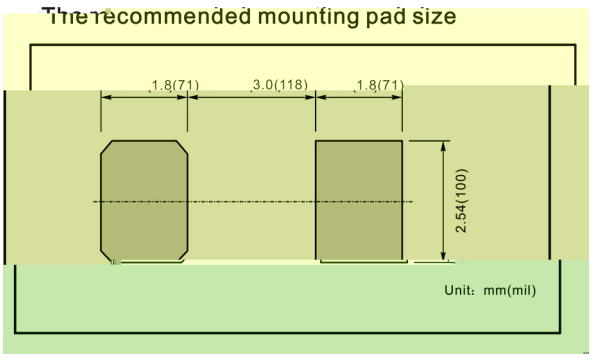
General purpose.

/ Equivalent Circuit



/ Pinning





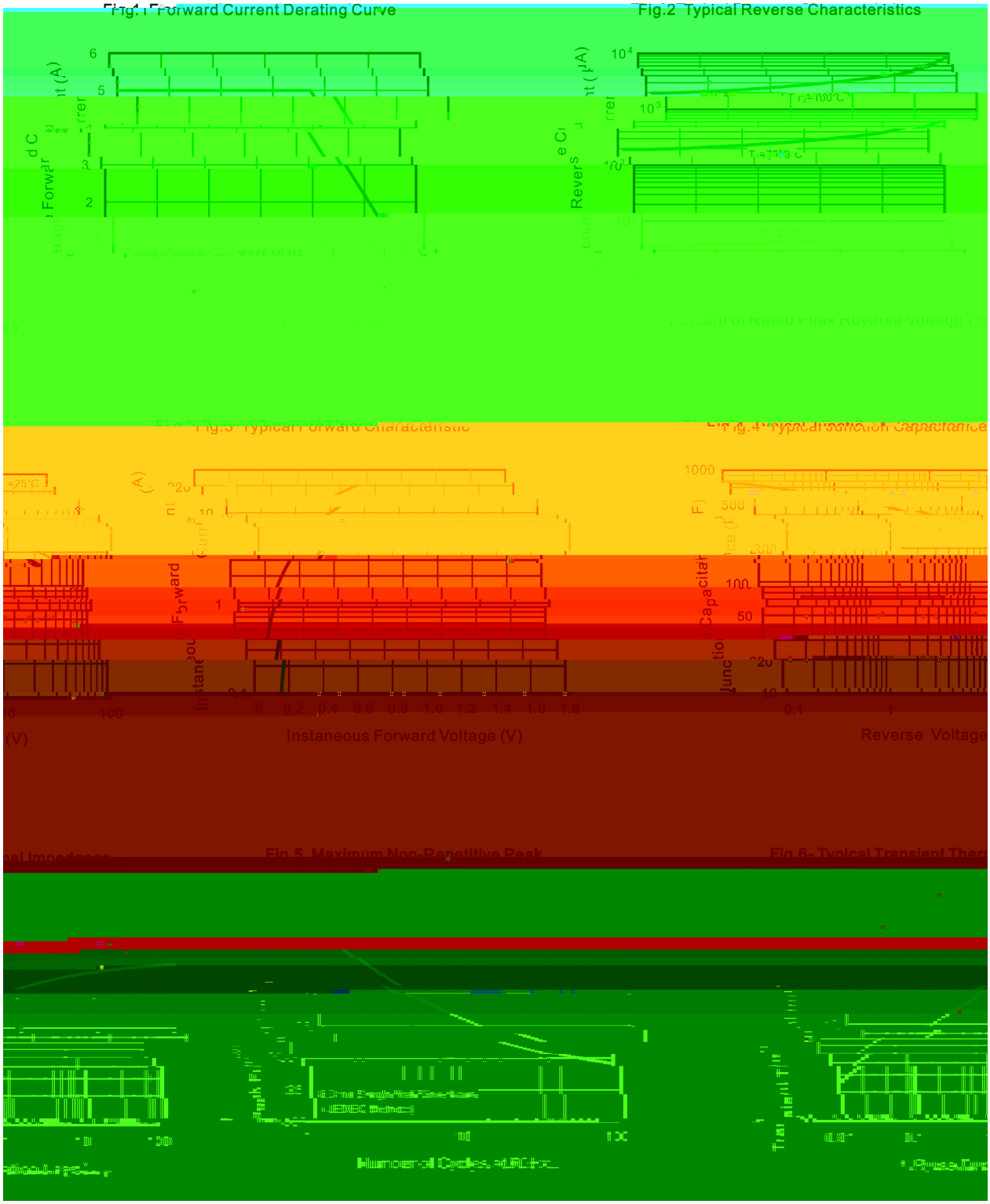
PINNING

PIN	DESCRIPTION
1	Cathode
2	Anode

/ Marking

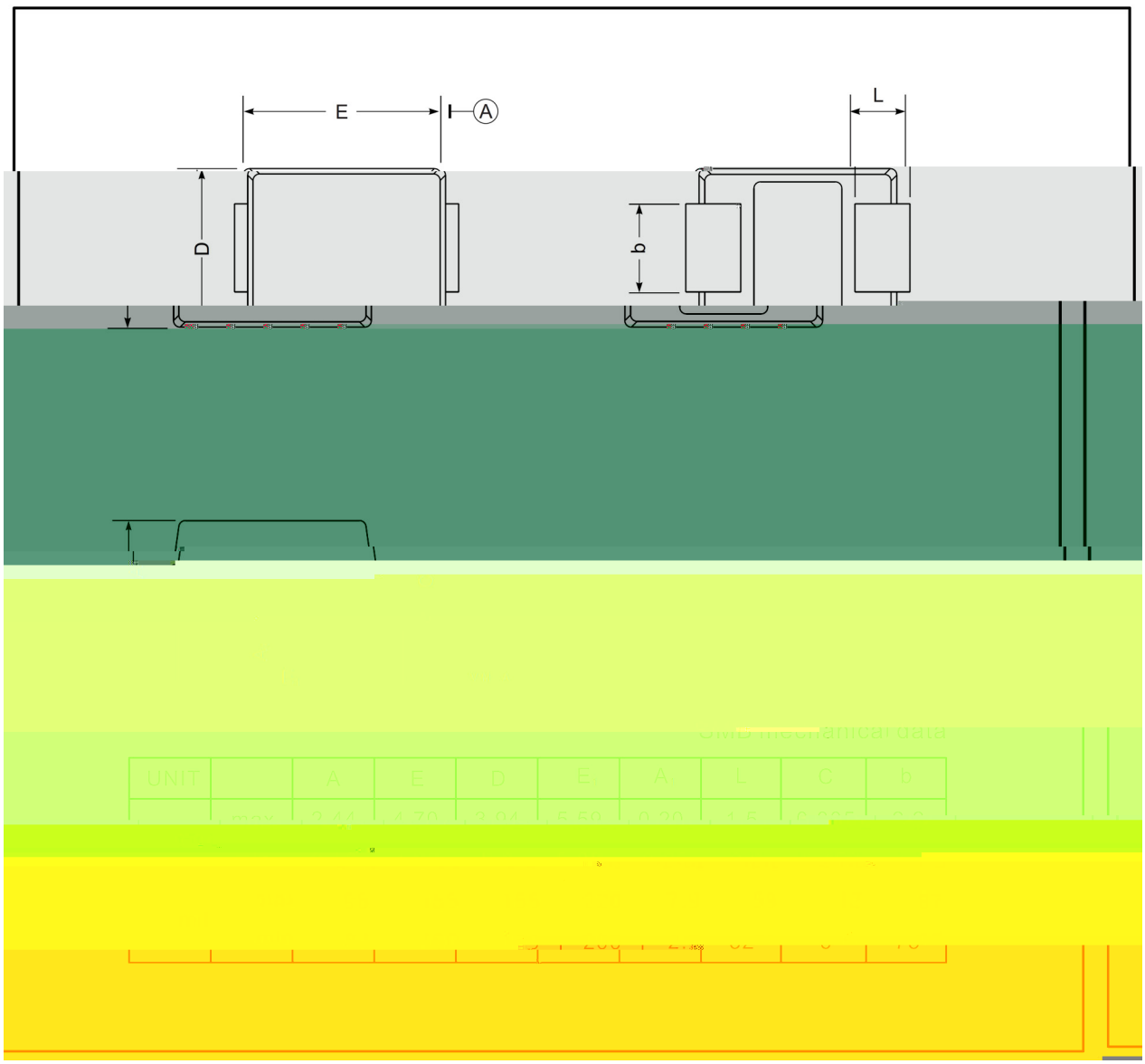
Type number	Marking
SSL54B	SSL54

/ Electrical Characteristic Curve



/ Package Dimensions

SMB



( ) / 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.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL

Package Type	Units	Dimension	(unit mm^3)