

/ Descriptions

1.0A

MBS

1.0A Surface Mount Glass Passivated Bridge Rectifier, MBS package.

/ Features

100V~1000V

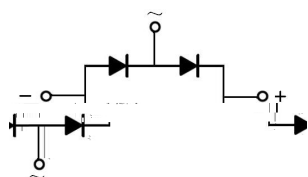
1.0A

Glass Passivated Chip Junction, Reverse Voltage:100to1000V, Forward Current:1.0A, High Surge Current Capability, Designed for Surface Mount Application.Halogen free product.

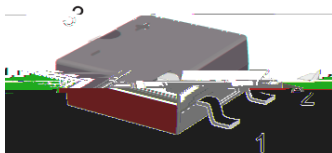
/ Applications

General purpose.

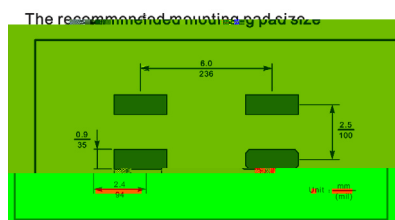
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Input Pin (+)
2	Input Pin (-)
3	Output Anode (+)
4	Output Cathode (-)



/ Marking

See Marking Instructions.

Current at $T_a = 50^\circ\text{C}$				
Peak Forward Surge Current 8.3 ms Single Half Sine Wave Superimposed on Rated Load (JEDEC Method)	I_{FSM}	35	A	
Typical Junction Capacitance ^{Note1}	C_j	13	pF	
Typical Thermal Resistance ^{Note2}	R_{JA}	85	/W	
Typical Thermal Resistance ^{Note2}	R_{JL}	30	/W	
Operating and Storage Temperature Range	T_j, T_{stg}	-55~+150		

Note:

1. Measured at 1MHz and applied reverse voltage of 4 V D.C.
2. Mounted on glass epoxy PC board with 4 (5 5mm² copper pad..

Parameter

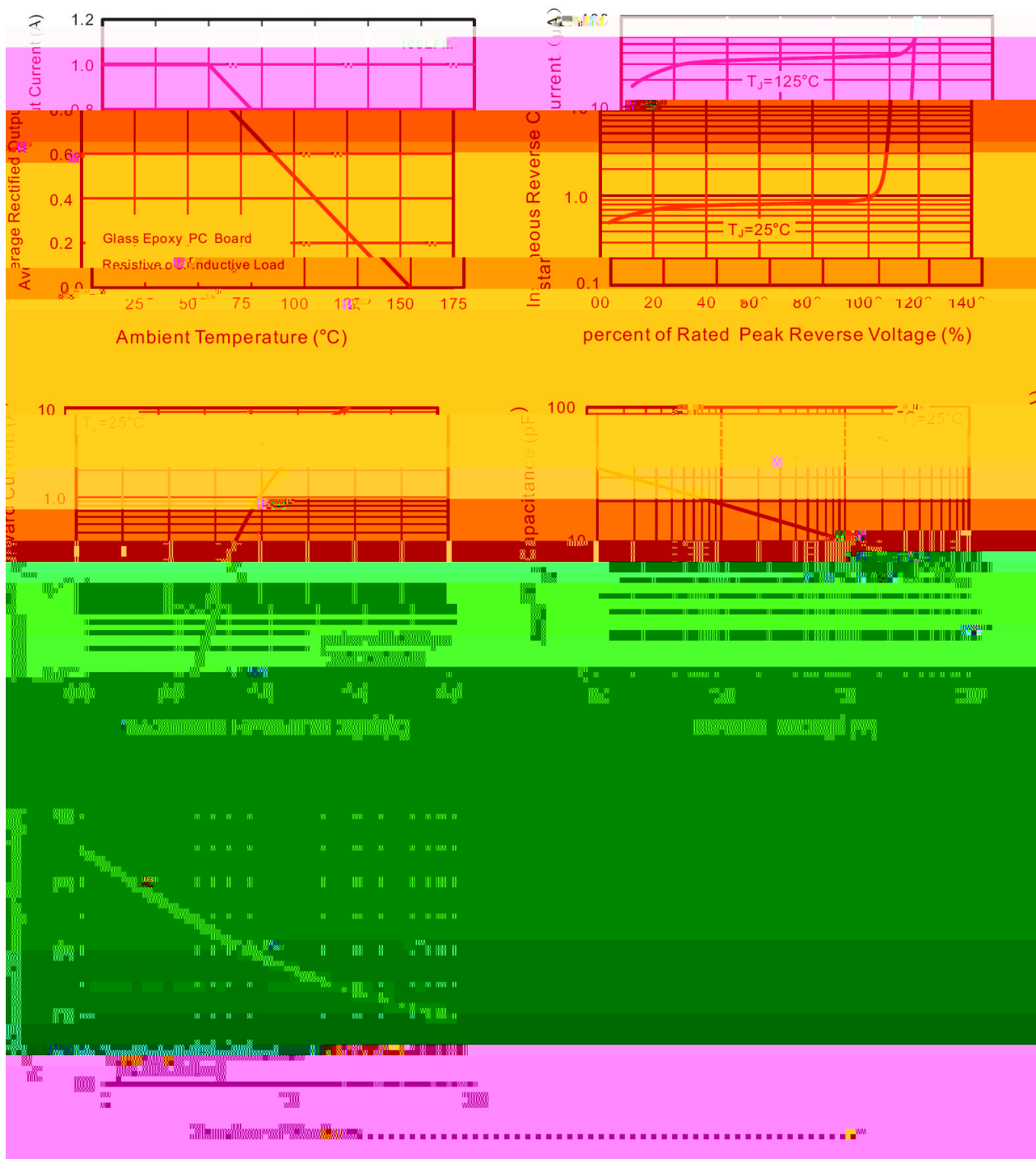
Symbol

Test
condition

Rating

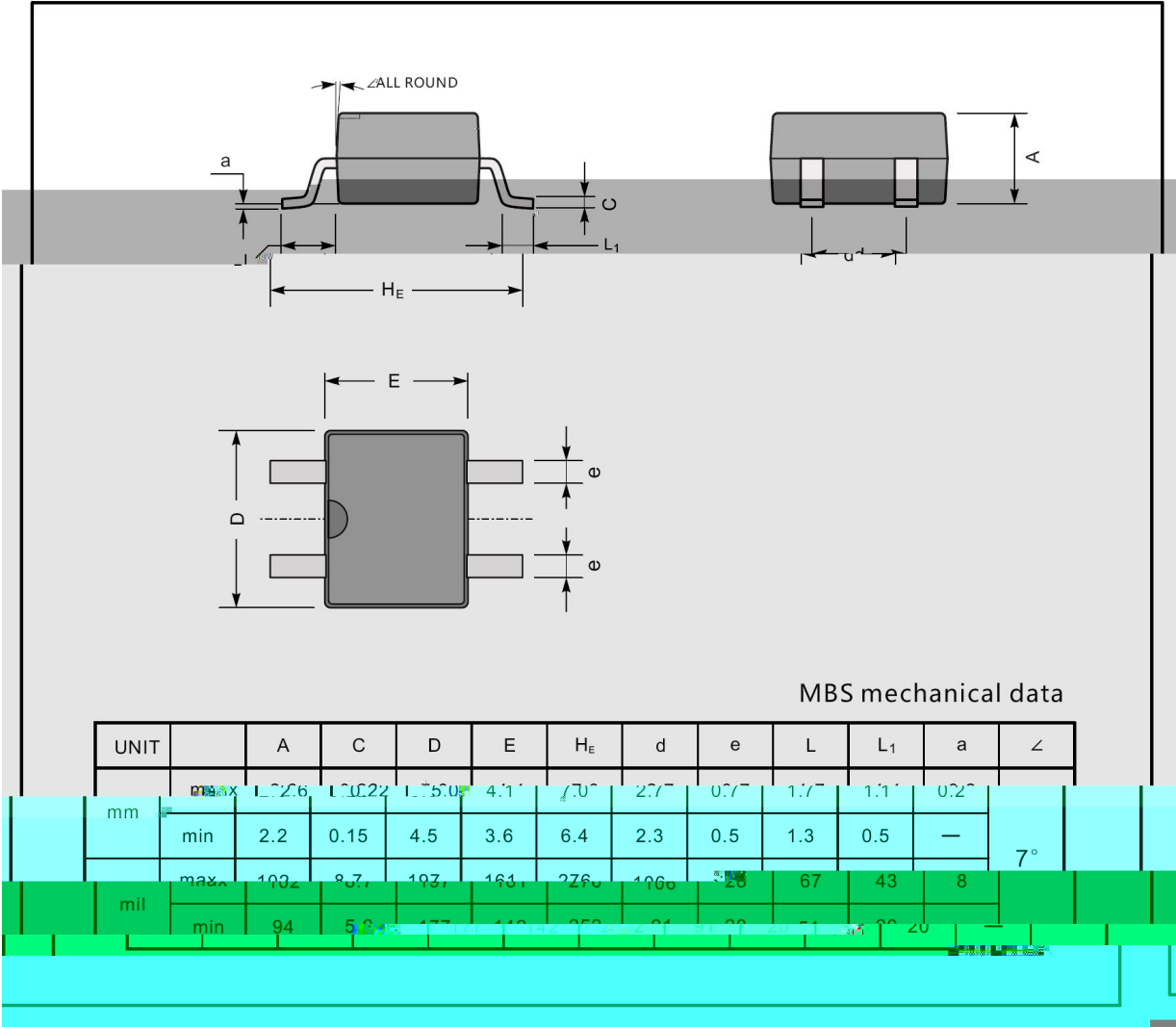
Unit

/ Electrical Characteristic Curve



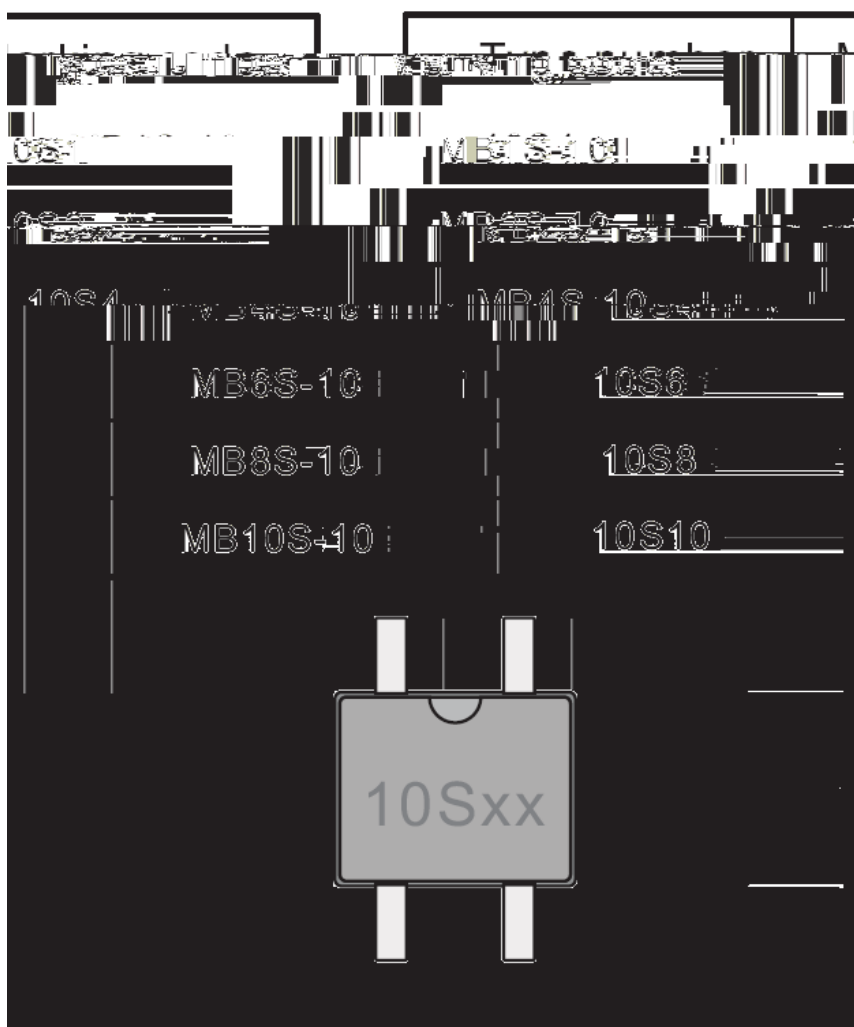
/ Package Dimensions

MBS

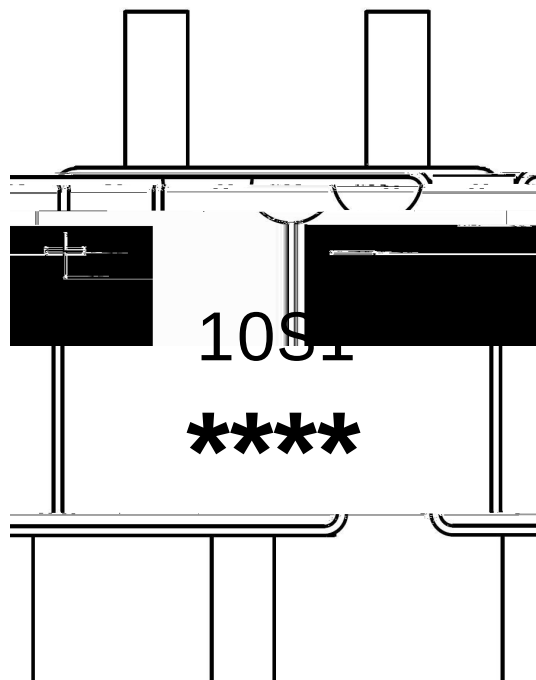


/ Marking Instructions

Marking



/ Marking Instructions



10S1

1 *

3 *

Note:

10S1 Product Type Code

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

