

## Chip Specification

### General Description:

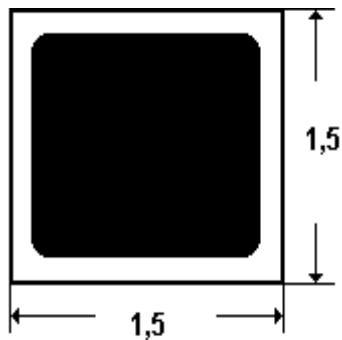
Schottky Diode chips with Mo-barrier for switch mode power rectifiers with the following features:

- \* **Guard-ring for stress protection**
- \* **Extremely low forward voltage**
- \* **125 °C operation junction temperature**
- \* **reverse avalanche behavior**

### Mechanical Data:

#### SB 2XX passivated Silicon Chip

Demension(mm)	1,5x1,5
Thickness:	350 +- 20 $\mu$ m
Metallization:	
Top ( Anode ) :	Al Ag
Bottom ( Cathode ) :	TiNiAg



Forward Current(A)	2 A
Reverse Voltage (V):	23, 43, 100 V

Type	Chip	VR(V)	VF(V)@25 C at If=1A	IRM@VRMM at 25 C
	size(mm)			
SB220	1,5x1,5	23 V	350mV	0,5mA
SB240	1,5x1,5	43 V	450mV	0,5mA
SB2100	1,5x1,5	100 V	690mV	0,5mA

Note: Other voltages, Vf & Top Metal AL are available

