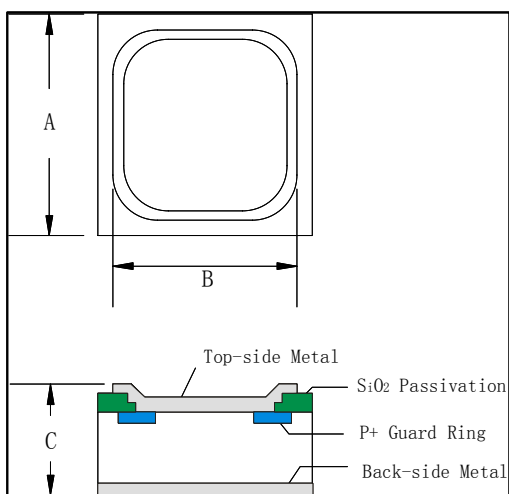


<b>SCHOTTKY DIE SPECIFICATION</b>	TYPE: SB240
General Description: 40 V 2 A ( <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Low) VF ,	( <input checked="" type="checkbox"/> Single <input type="checkbox"/> Dual) Anode

ELECTRICAL CHARACTERISTICS	SYM	Spec. Limit	Die Sort	UNIT
DC Blocking Voltage: Ir=1mA(for wafer form)	VRRM	40		Volt
Average Rectified Forward Current	IFAV	2		Amp
Maximum Instantaneous Forward Voltage				
@ 2 Ampere, Ta=25°C	VF MAX	0.510		Volt
Reverse current				
@ VR= 43 Volt, Ta=25°C	IR MAX	0.100		mA
<b>MAXIMUM RATINGS</b>				
Nonrepetitive Peak Surge Current	IFSM	50		Amp
Operating Junction Temperature	Tj	125		°C
Storage Temperature	TSTG	-50 to +150		°C

Specifications apply to die only. Actual performance may degrade when assembled.  
 We do not guarantee device performance after assembly.  
 Data sheet information is subjected to change without notice.

**DICE OUTLINE DRAWING**



DIM	ITEM	μ m	Mil
A	Die Size	1143	45.00
B	Top Metal Pad Size	1047	41.22
C	Thickness (Min)	280	11.00
	Thickness (Max)	300	11.80

**PS:**  
 (1)Cutting street width is around 16 μ m (0.62mil).  
 (2)Both of top-side and back-side metals are Ti/Ni/Ag.