

# YJ Planar Schottky Barrier Diode Die Specification

100V 5A, 65mil, Schottky barrier diode die based on silicon planar process  
Part No.: PSB065H100SS-280A

## Main Products Characteristics

### Maximum Ratings

### Static Electrical Characteristics (Ta = 25°C)

	Value	
	Spec	Typical
Maximum forward voltage drop	105 V	120V
I <sub>F</sub> = 5 A	0.82V	0.77V
	2%	
	5uA	0.3uA

### Device Schematics and Outline Drawing

Die Thickness *	11 Mils
Die Size **	
Top Metal Pad	60.6 Mils
Active Area	57 Mils
Top Metal	
Back Metal	

Note: 1 \* : Also can offer device with 8 mils thickness  
2 \*\*: Cutting street width is around 1.5 mils

### Important Notice

Specification apply to die only. Actual performance may degrade when assembled.

does not guarantee device performance after assembly.

All operating parameters must be validated for each customer application by customer's technical experts.

Data sheet information is subjected to change without notice.

Recommended Storage Environment:

Store in original container, in dessicated nitrogen, with no contamination.

Shelf life for parts stored in above condition is 2 years.

If the storage is done in normal atmosphere shelf life is reduced to 6 months.

0514-80982389  
0514-80980189