

YJ Planar Schottky Barrier Diode Die Specification

40V 15A, 105mil, Schottky barrier diode die based on silicon planar process
Part No.: PSB105M045SS-280A

Main Products Characteristics

Maximum Ratings

Static Electrical Characteristics (Ta = 25°C)

$I_F = 15\text{ A}$

2%

Device Schematics and Outline Drawing

Die Thickness *

Die Size **

Top Metal Pad

Active Area

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.

Recommended Storage Environment:

does not guarantee device performance after assembly.

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

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

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

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