

YJ Planar Schottky Barrier Diode Die Specification

100V 2A, 40mil, Schottky barrier diode die based on silicon planar process
Part No.: PSB040S100SS-280A

Main Products Characterstics

Maximum Ratings

Static Electrical Characteristics (Ta = 25°C)

$I_F = 2\text{ A}$

$\leq 2\%$

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.
- 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.