

YJ Planar Schottky Barrier Diode Die Specification

40V 2A, 45mil, Schottky barrier diode die based on silicon planar process
Part No.: PSB045L040SS-280A

Main Products Characterstics

- Average forward current: IF(AV) = 2 A
- Maximum operating junction temperature: Tj = 125 °C
- ESD rating: >8KV, per IEC61000-4-2 (Contact Discharge)
- Top metal: Ag

Maximum Ratings

Static Electrical Characteristics (Ta = 25°C)

IF = 2 A
Pulse Test: tp = 300 μs, δ ≤ 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