

YJ Planar Schottky Barrier Diode Die Specification

60V 20A, 102mil, Schottky barrier diode die based on silicon planar process

Part No.: PSB102M060AS-280A

Main Products Characteristics

- Average forward current: $I_F(AV) = 20$ A
- Maximum operating junction temperature: $T_j = 150$ °C
- ESD rating: >8KV, per IEC61000-4-2 (Contact Discharge)
- Top metal: AL

Maximum Ratings

Static Electrical Characteristics ($T_a = 25^\circ\text{C}$)

$I_F = 20$ A

Pulse Test: $t_p = 300$ μs , 2%

Device Schematics and Outline Drawing

Die Thickness *

Die Size **

Top Metal Pad