

YJ Planar Schottky Barrier Diode Die Specification

40V 3A, 50mil, Schottky barrier diode die based on silicon planar process
Part No.: PSB050S040SS-280A

Main Products Characteristics

- Average forward current: $I_F(AV) = 3\text{ A}$
- Maximum operating junction temperature: $T_j = 175\text{ °C}$
- ESD rating: >8KV, per IEC61000-4-2 (Contact Discharge)
- Top metal: Ag

Maximum Ratings

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

$I_F = 3\text{ A}$

Pulse Test: $t_p = 300\text{ }\mu\text{s}$, 2%