

NEW! DBxxxxxL Series

Middle Power Schottky Barrier Diodes

Featuring JBS Structure with Low V_F and Low I_R

Panasonic, a worldwide leader in Semiconductor Products, is pleased to announce the **NEW DBxxxxxL Series** Schottky Barrier Diode (SBD) featuring a fine diffusion process through the adoption of a JBS (Junction Barrier Schottky) structure. By utilizing a JBS structure, Panasonic has achieved an industry leading SBD series with Low V_F and Low I_R . This results in a product that has a smaller footprint, without sacrificing performance. The **NEW DBxxxxxL Series** is an efficient, space-saving solution that offers thin and small packaging.

Features:

- $V_R=20$ to 60V / $I_{F(AV)}=1$ to 5A
- Thin and Small Package
 - DB2141200L: 1.9x1.25x0.55mm (SMini2/SC-108A)
 - DB2440300L: 3.8x2.4x0.85mm (TMini2/SC-110A)
- High Current & High Surge Current Capability
- Low V_F (Forward Voltage) & Low I_R (Reverse Current)
- Halogen Free Package, RoHS Directive Compliant

Benefits:

- Save Space of the Set with Thin and Small Package
- Better Efficiency
- Possible to Rectify:
 - Forward Current (Average Value) $I_{F(AV)}=5A$

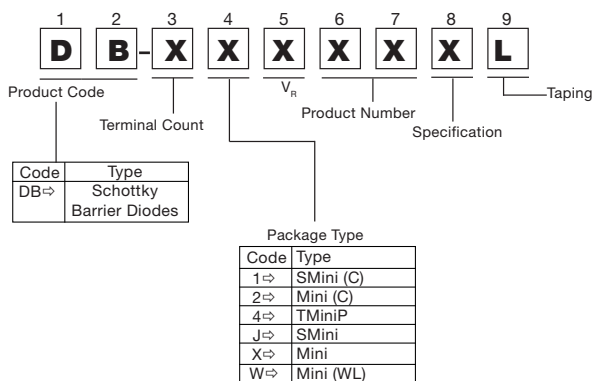
Applications:

- Meter / Base Station / Server
- Air Conditioner / Washing Machine / Microwave Oven
- Printer / Projector / HD / UPS
- Battery / DC-DC Converter Module

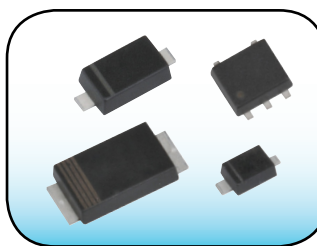
Industries:

- Industrial
- Home Appliance
- Computing
- Consumer

Part Number Information:



Additional Information:



For detailed specification information on these Middle Power Schottky Barrier Diodes, visit: panasonic.com/industrial/includes/zip/DBxxxxxL_DataSheet.zip today!

Website: panasonic.com/industrial/semiconductors