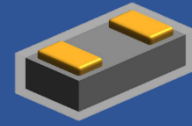
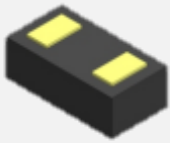


# CDBWLZ140L-HF

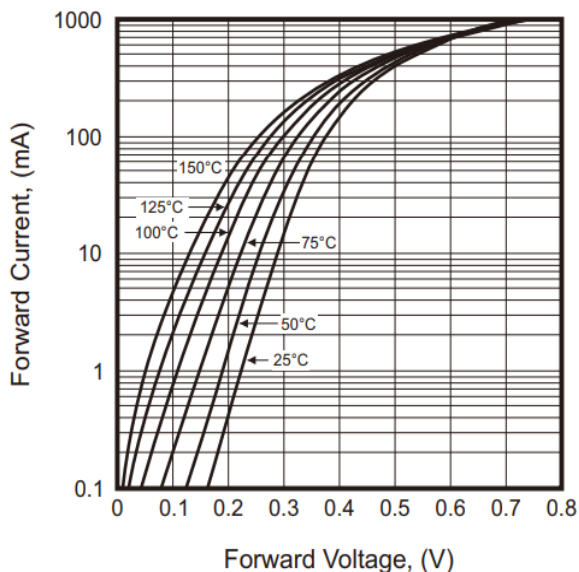


Introducing our CSP0603 package 1A 40V Schottky Diode – the epitome of efficiency and reliability, crafted with advanced WLCSP technology. This innovative packaging process ensures not just compactness but also enhanced thermal performance and electrical efficiency. Designed for high-performance applications, this diode guarantees rapid switching and low forward voltage drop, offering optimal power management solutions. Trust in its precision, embrace its speed. Elevate your electronics with our cutting-edge Schottky Diode in the streamlined WLCSP package.



WL, 0.62 x 0.32, 0.40P

Symbol	Value
IF	1A
VR	40V
VF	0.33V @ 0.1A 0.6V @ 0.5A 0.8V @ 1.0A



## Applications:

### Switched-Mode Power Supplies:

High-efficiency rectification and protection circuits in various power supplies. Especially suitable for ultra-small power conversion modules

### Wireless Communications:

High-frequency signal rectification in smartphones, wireless routers and communication equipment.

### Industrial Controls & IoT Device:

Used for industrial control equipment, Internet of Things, handheld module products

### Consumer Electronics:

In applications such as LED drivers, ensuring optimal performance in applications where higher currents are available in limited space: such as panels, displays and home appliances.

### Computing Devices:

Embedded systems, and integrated into computers, laptops and servers for power management to achieve energy-saving operation.

### Medical Devices:

Used for precision power control in medical equipment to ensure reliable performance of ultrasound machines, patient monitors and other equipment.