Part Number System

Comchip
SMD Diode Specialist

AEC-Q101

Manufacturer:
C - Comchip

Model
DB: Schottky Diode
DS: Switching Diode
ZR: Zener Didoe
PD: Protect Diode
TV: TVS Diode

Model DS,PD
Serial Number or Industry standard Number

Model DB
1. Industry Standard Number.
2. A: IO (1-3 digits) B: VR (4-6 digits)
   ex: 003=>0.03A ex: 20=>20V
   02=>0.2A 100=>100V
   10=>10A

Model ZR
1. 52CXXX=5%
   ex: CZRX52C6V8=6.8V(5%)
2. XXXB=2.5%
   ex: CZRX2V4B=2.4V(2.5%)

A	C	X X	X X	XXXXXX	X	-	X X

Package:(Please refer to the attached table.)
ex:
Z: 0201/0603 (DFN)(1-2 digits)
Q: 0402/SOD-923F(DFN)(1-2 digits)
QR: 0402/SOD-923F(DFN)(1-2 digits)
QC: 0402/SOD-923F(DFN)(copper substrate)(1-2 digits)
U: 0603/SOD-523F(Blind hole)
UC: 0603/SOD-523F(DFN)(copper substrate)(1-2 digits)
UR: 0603/SOD-523F(DFN)(1-2 digits)
URT: 0603/SOD-523F(DFN)(1-2 digits)(Thinner)
H: SOD-523
ER: 0503/SOD-723F(DFN)(1-2 digits)
P: SOD-723(DFN)(1-2 digits)
F: 1005/SOD-323F(Blind hole)
V: SOD-323(DFN)(1-2 digits)

Additional information

1. Circuit type of array diodes
ex: A - Common anode
C - Common cathode
S - in series

2. Applications
ex: L - Low VF
LL - Ultra low VF
SL - Super low VF
R - Low IR
P - Low Capacitance
H - High Surge
C - Use Comchip Wafer.

Model PD
1.Suffix U denotes Uni-directional parts.
2.No Suffix U denotes Bi-directional parts.

Note

1. Suffix D denotes
--> High surge parts.

2. Suffix G denotes
--> RoHS parts.

3. Suffix HF denotes
--> Halogen free parts.

4. Suffix XX denotes
--> For customers with special needs parts.

5. Suffix XXHF(or G) denotes
--> For second parts.