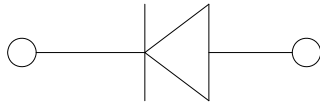


High efficiency  
 High current capability  
 High reliability  
 High surge current capability  
 Low power loss  
 Solder dip 260 °C max. 10 s, per JESD 22-B106  
 Part no. with suffix "Q" means AEC-Q101 qualified

For use in general purpose rectification of power supplies, inverters, converters, and freewheeling diodes for consumer, automotive and telecommunication.



: DO-214AB (SMC)  
 Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free  
 : Tin plated leads, solder able per J-STD-002 and JESD22-B102  
 Color band denotes cathode end

( $T_a=25$  Unless otherwise specified)



250

|                              |       |    |                  |    |
|------------------------------|-------|----|------------------|----|
| Typical junction capacitance | $C_J$ | pF | 1MHz, $V_R=4V$ . | 60 |
|------------------------------|-------|----|------------------|----|



Fig.1:  $I_O$ - $T_L$  Curve

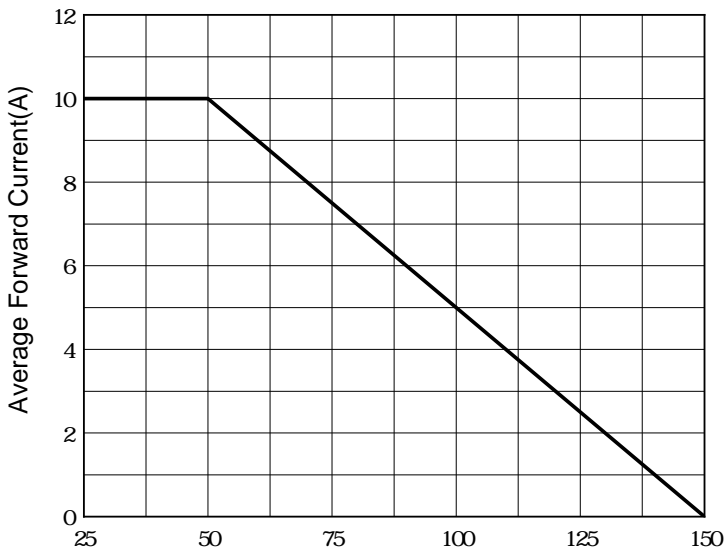


Fig.2: Surge Forward Current Capability

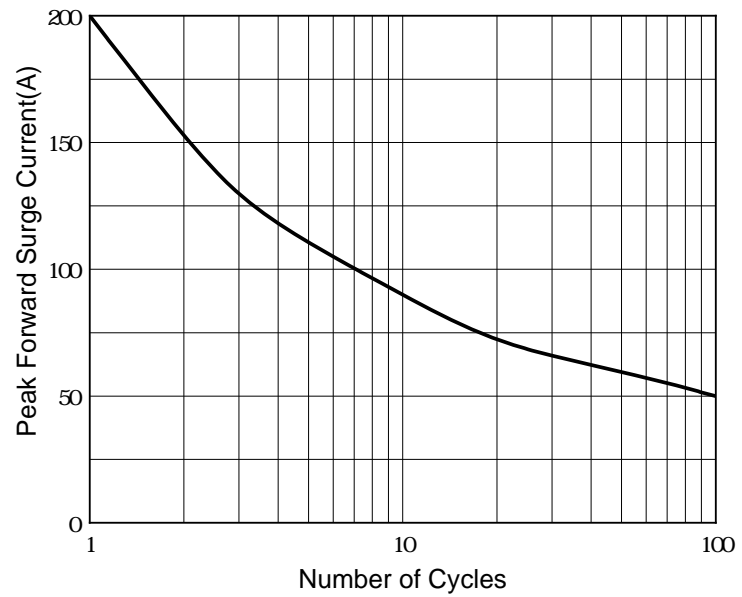


Fig.3: Typical Forward Characteristics

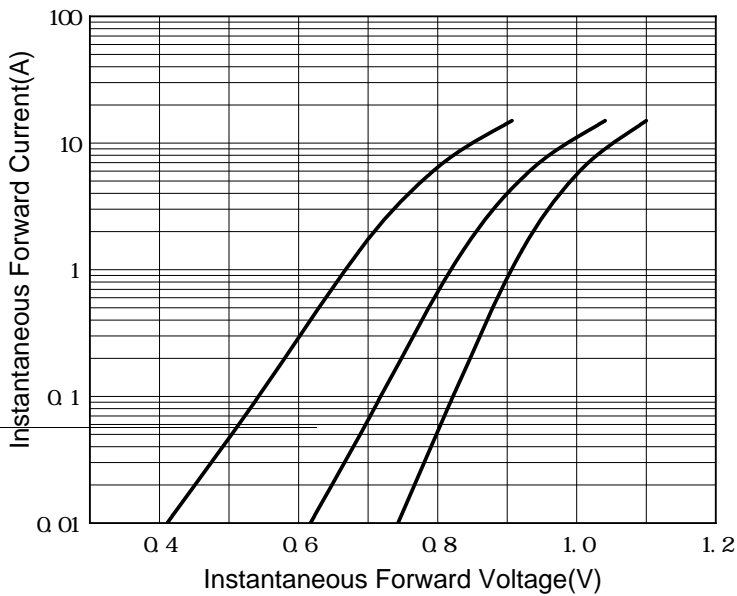
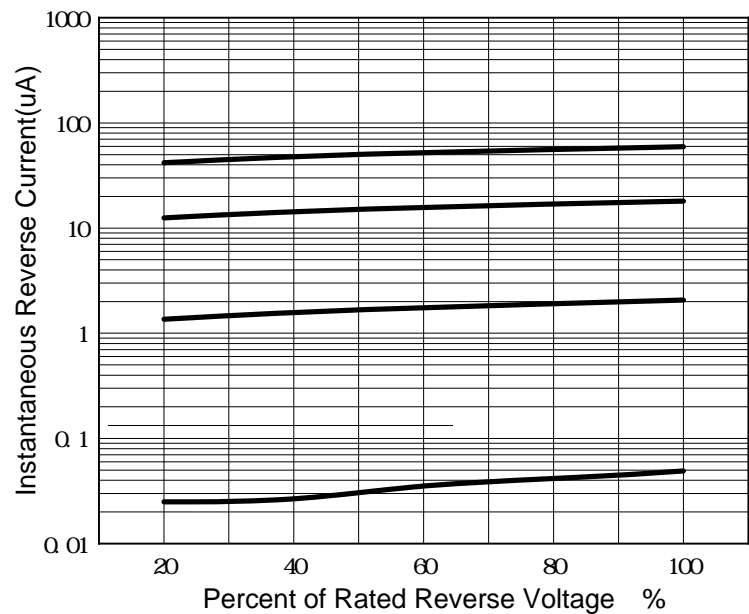


Fig.4: Typical Reverse Characteristics





(Example)

|  |    |                   |      |      |       |          |
|--|----|-------------------|------|------|-------|----------|
|  |    |                   |      |      |       |          |
|  | F1 | Approximate 0.253 | 3000 | 6000 | 42000 | 13" reel |

| DO-214AB (SMC) |      |     |
|----------------|------|-----|
| Dim            | Min  | Max |
| A              | 6.60 |     |



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