

D10SC4M

40V 10A

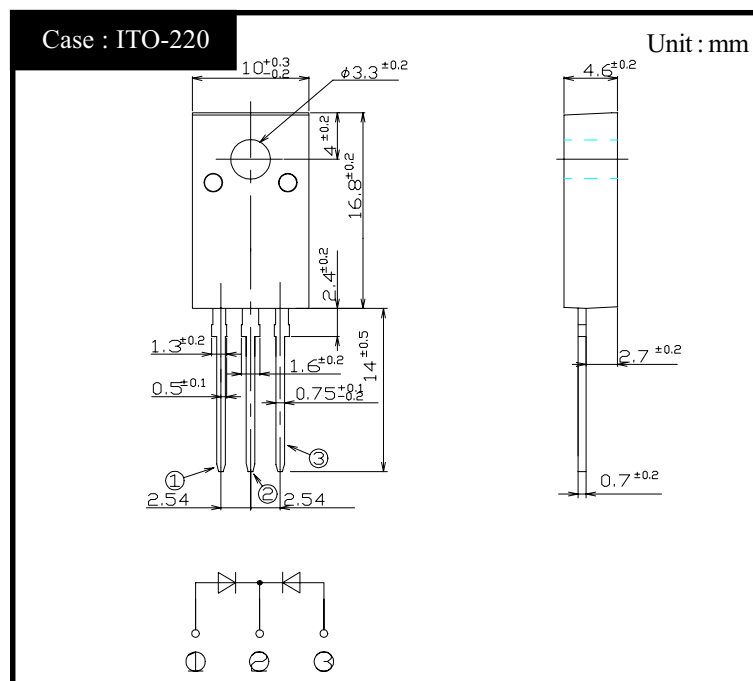
FEATURES

- Tj150°C
- P_{RRSM} avalanche guaranteed
- Fully Isolated Molding

APPLICATION

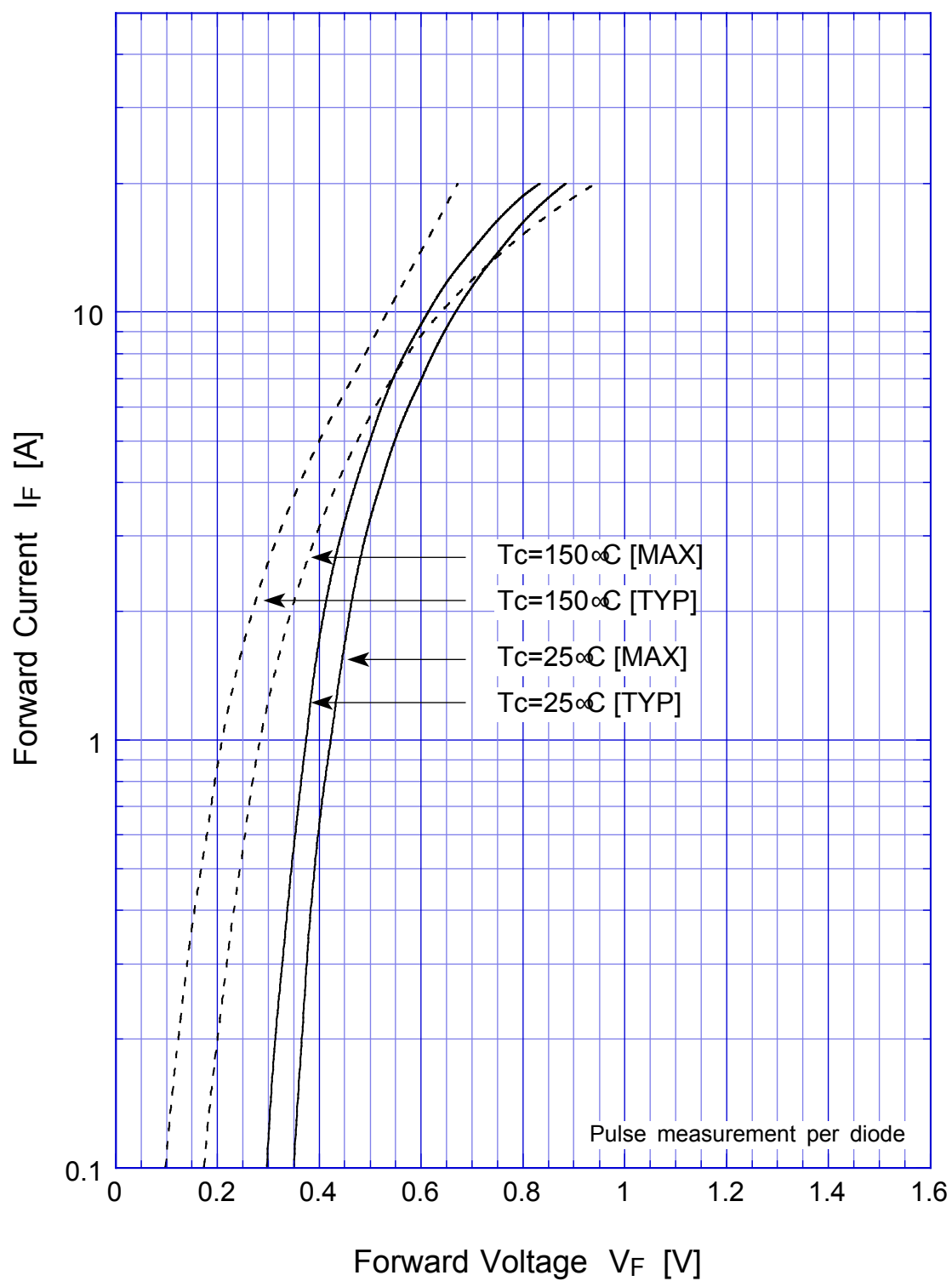
- Switching power supply
- DC/DC converter
- Home Appliances, Office Equipment
- Telecommunication

OUTLINE DIMENSIONS

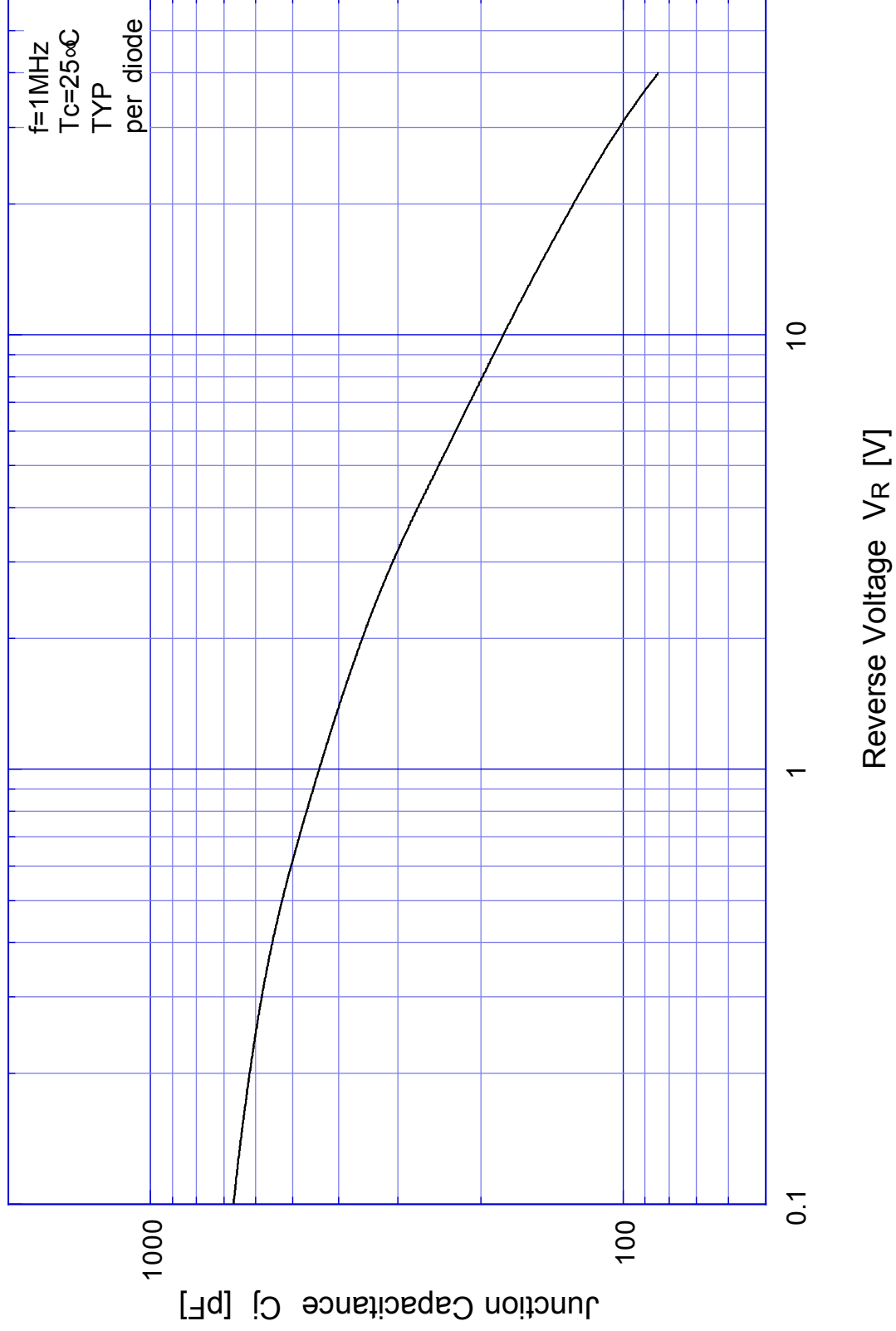


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Forward Voltage

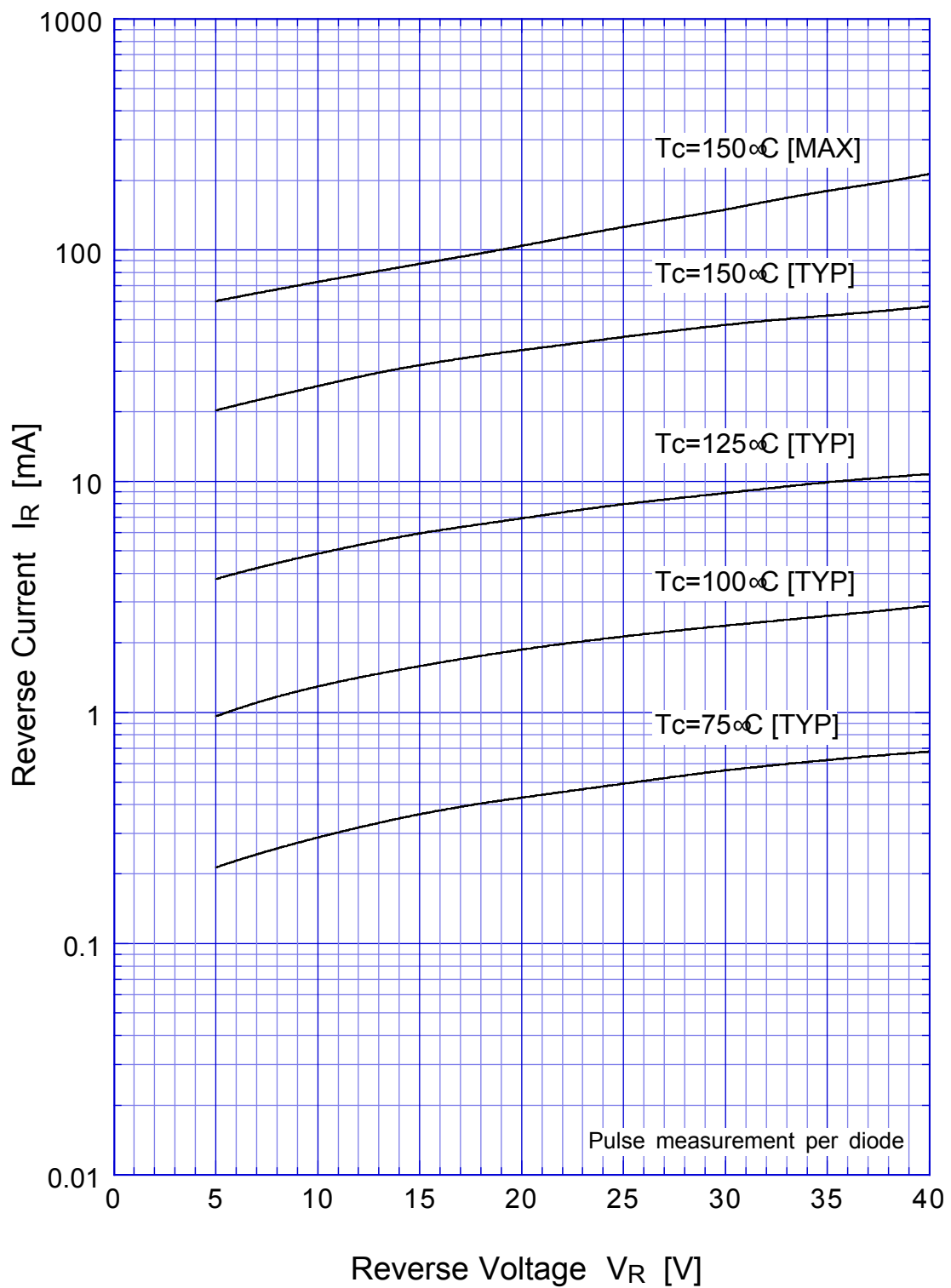


D10SC4M Junction Capacitance

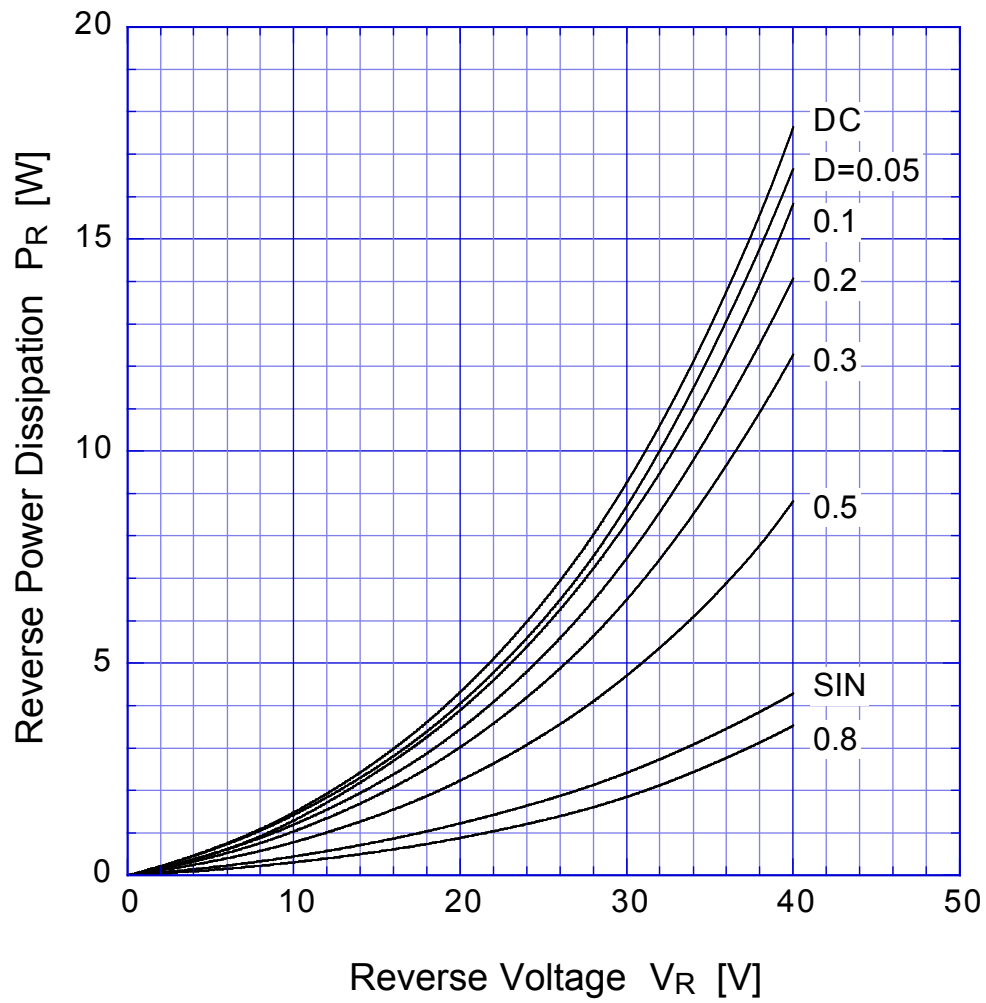


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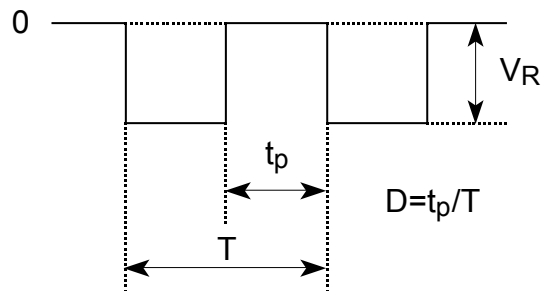
Reverse Current



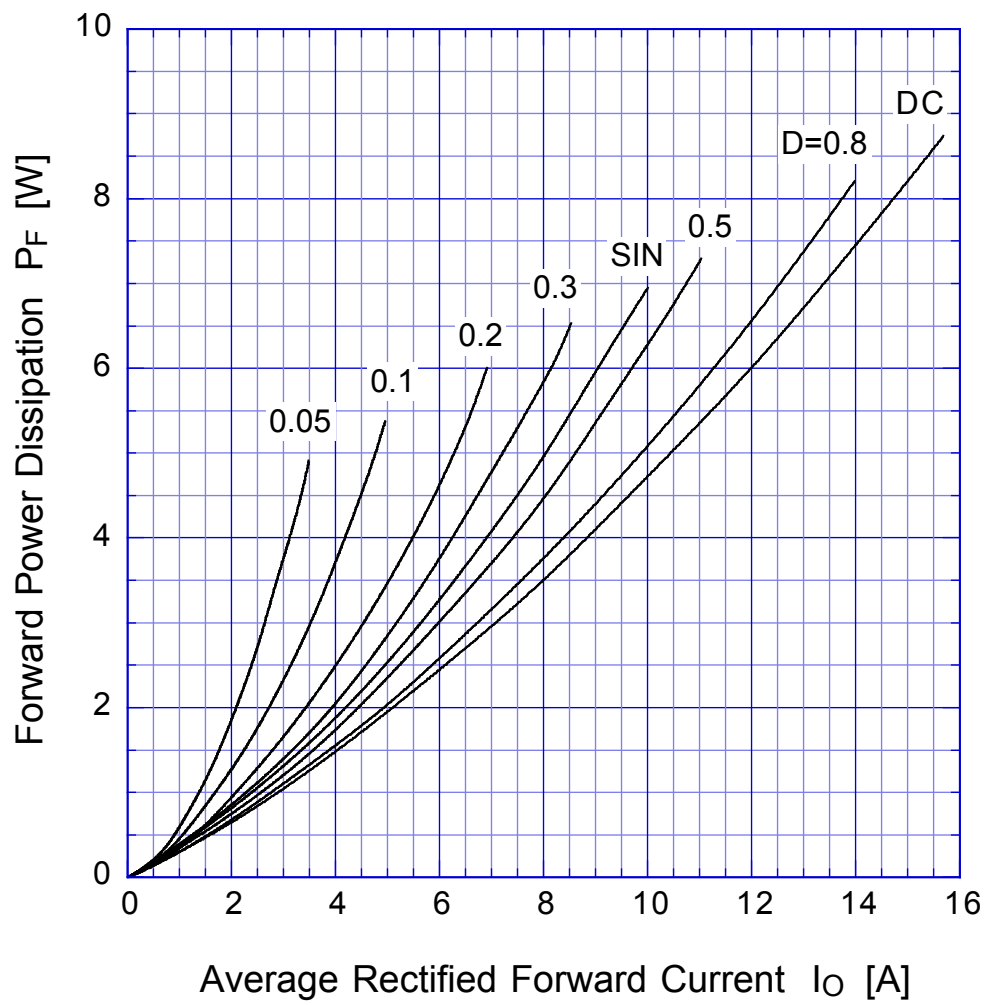
D10SC4M Reverse Power Dissipation



$T_j = 150^\circ\text{C}$



D10SC4M Forward Power Dissipation

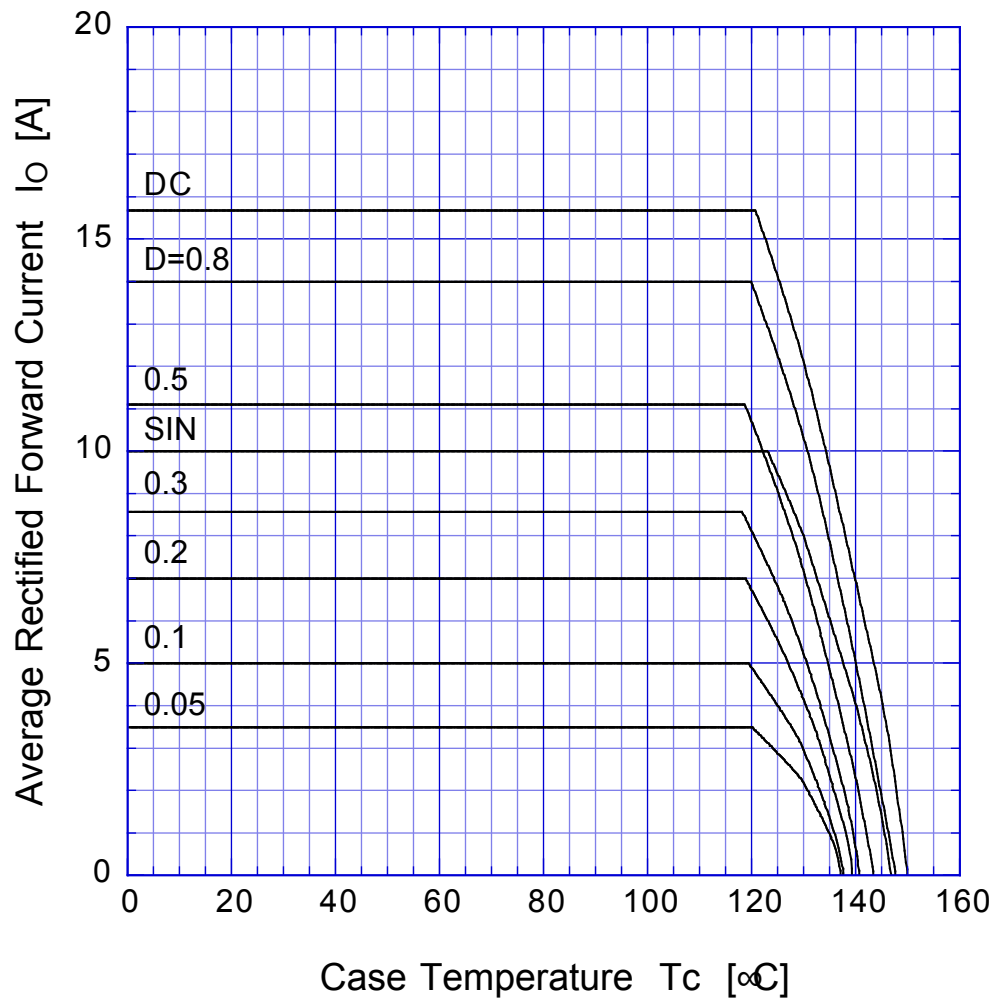


$T_j = 150^\circ\text{C}$



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Derating Curve

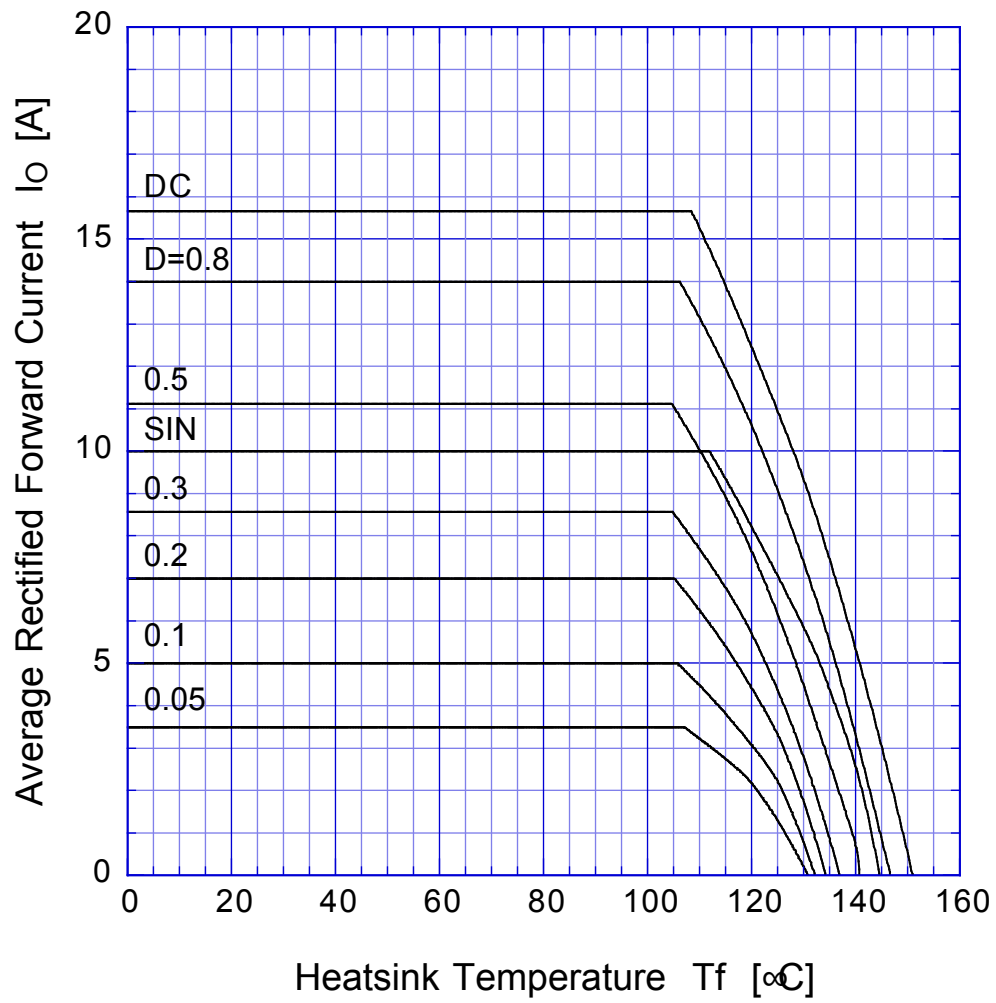


$V_R = 20\text{V}$

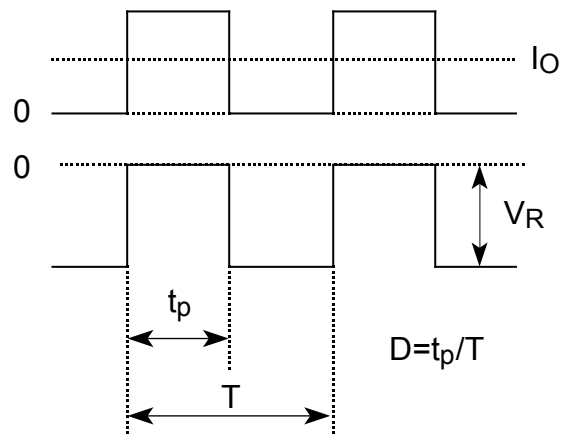


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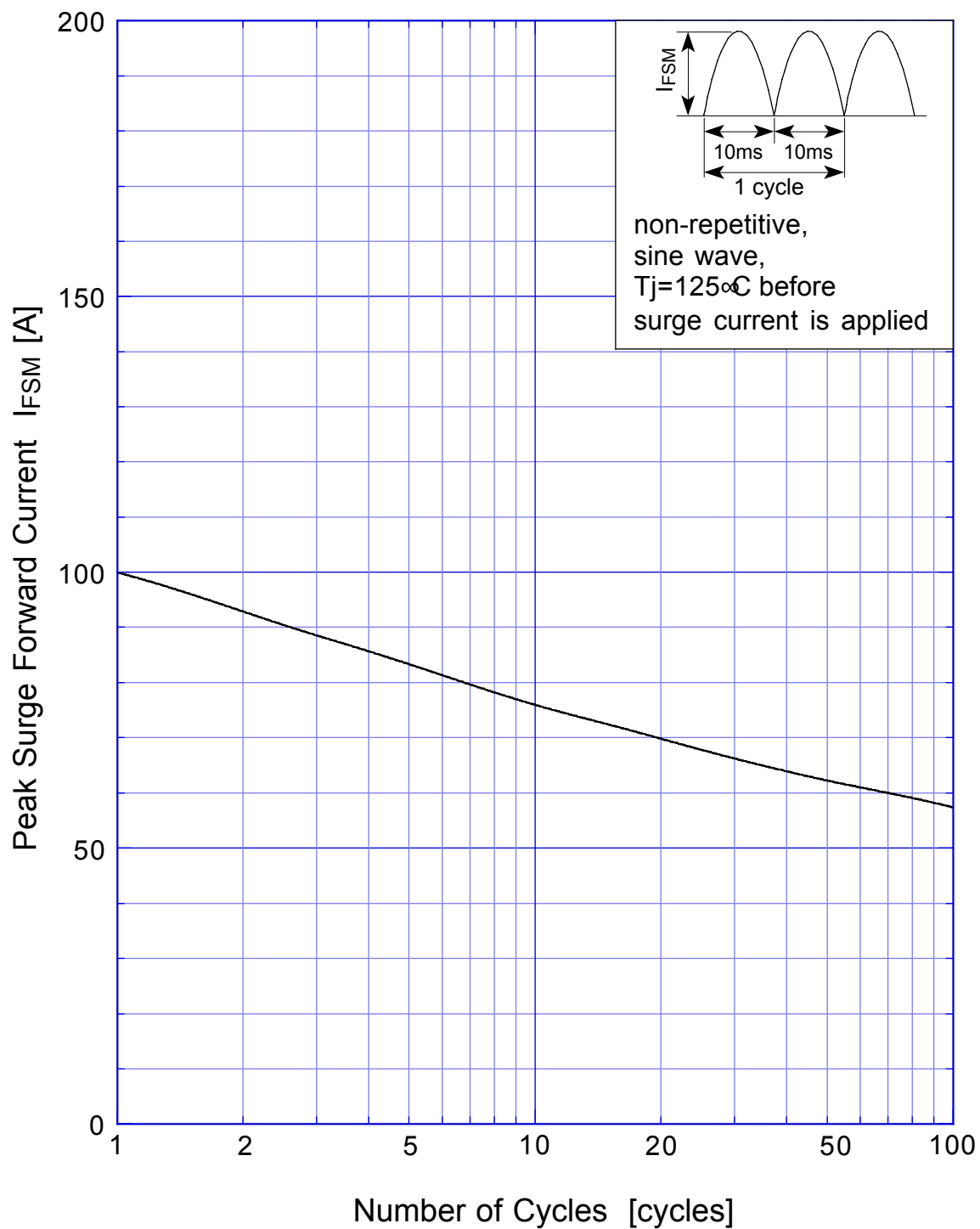
Derating Curve



$V_R = 20V$



D10SC4M Peak Surge Forward Capability



SBD Repetitive Surge Reverse Power Derating Curve

