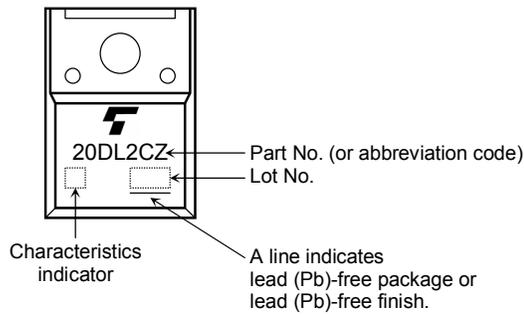


MARKING



Abbreviation Code	Part No.
20DL2CZ	20DL2CZ47A
20FL2CZ	20FL2CZ47A

Handling Precaution

The absolute maximum ratings denote the absolute maximum ratings, which are rated values and must not be exceeded during operation, even for an instant. The following are the general derating methods that we recommend when you design a circuit with a device.

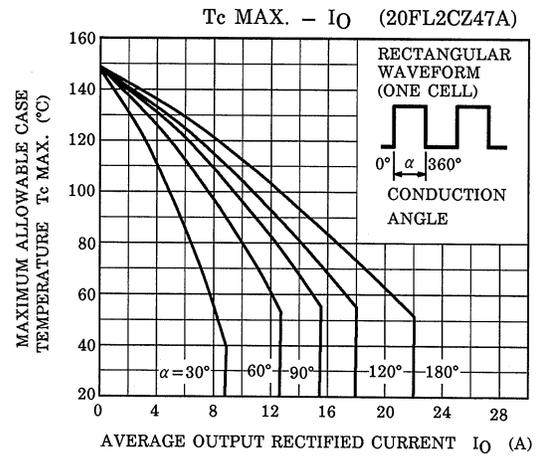
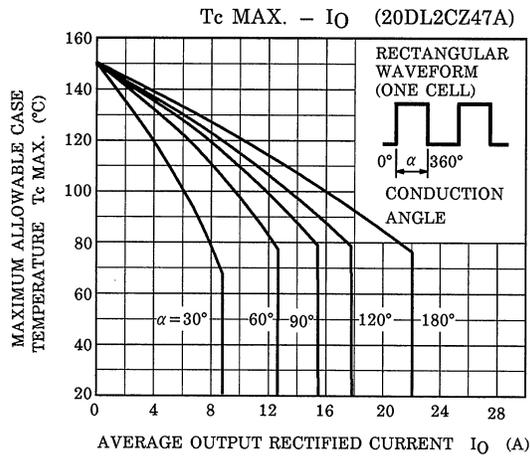
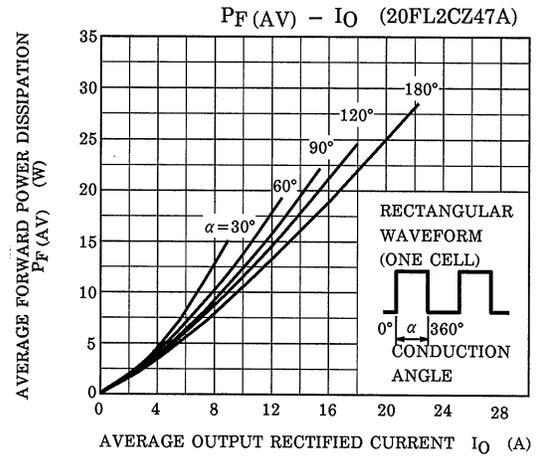
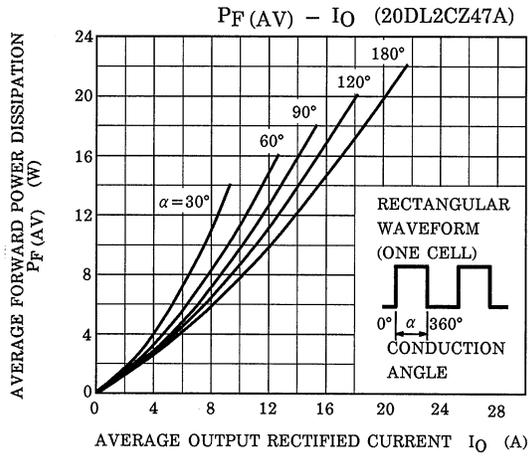
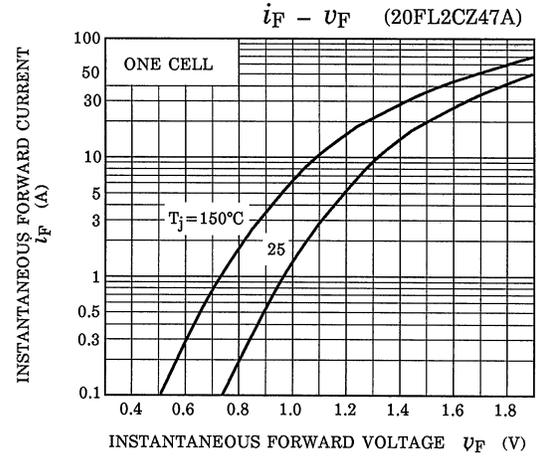
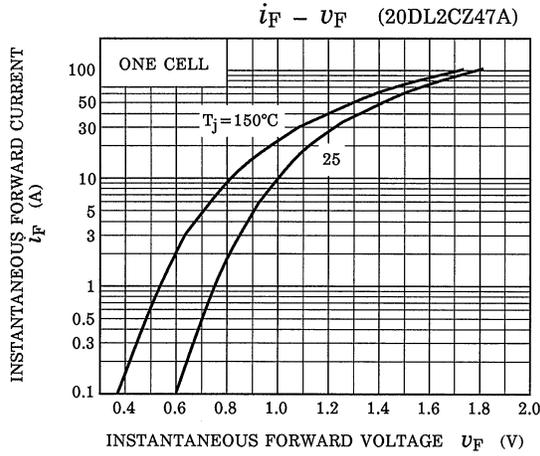
VRRM: We recommend that the worst case voltage, including surge voltage, be no greater than 80% of the absolute maximum rating of V_{RRM} for a DC circuit and be no greater than 50% of that of V_{RRM} for an AC circuit. V_{RRM} has a temperature coefficient of 0.1%/°C. Take this temperature coefficient into account designing a device at low temperature.

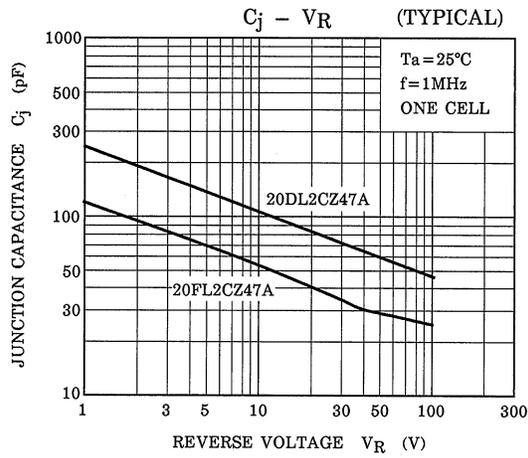
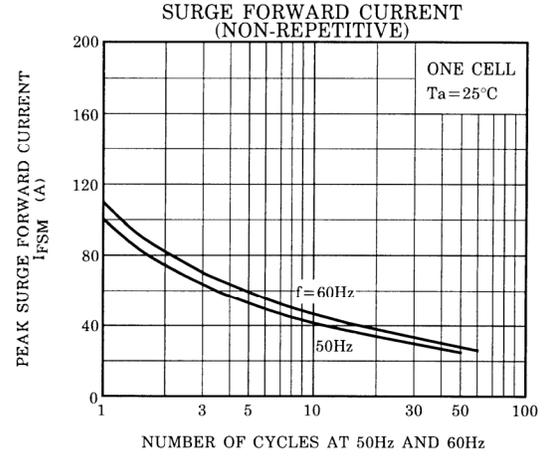
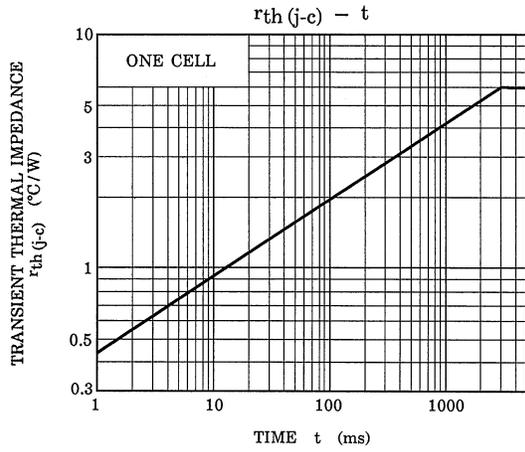
I_O: We recommend that the worst case current be no greater than 80% of the absolute maximum rating of I_O . Carry out adequate heat design. If you can't design a circuit with excellent heat radiation, set the margin by using an allowable T_{max} - I_O curve.

This rating specifies the non-repetitive peak current in one cycle of a 50-Hz sine wave, condition angle 180. Therefore, this is only applied for an abnormal operation, which seldom occurs during the lifespan of the device.

We recommend that a device be used at a T_j of below 120°C under the worst load and heat radiation conditions.

Please refer to the Rectifiers databook for further information.





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