

/ Descriptions

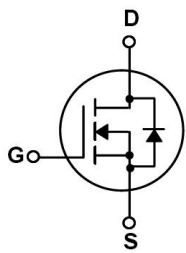
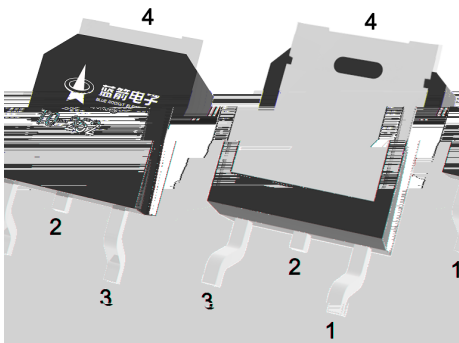
SiC

/ Features**/ Applications**

LED

PD

PC

/ Equivalent Circuit**/ Pinning****/ Marking**

/ Absolute Maximum Ratings(Tc=25)

/ Electrical Characteristics(Tc=25)

/ Electrical Characteristics(Tc=25)

/ Electrical Characteristic Curve

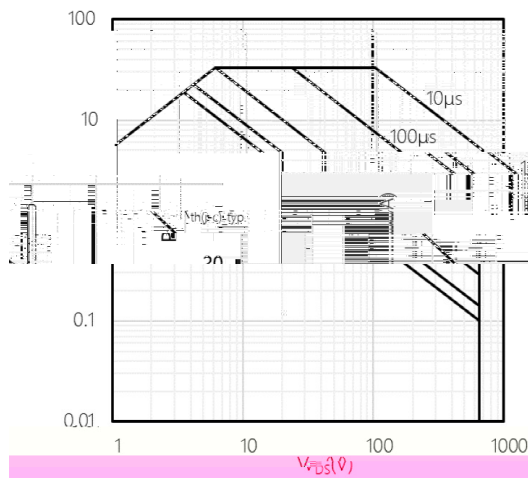


Fig1. Safe operating area (SOA)

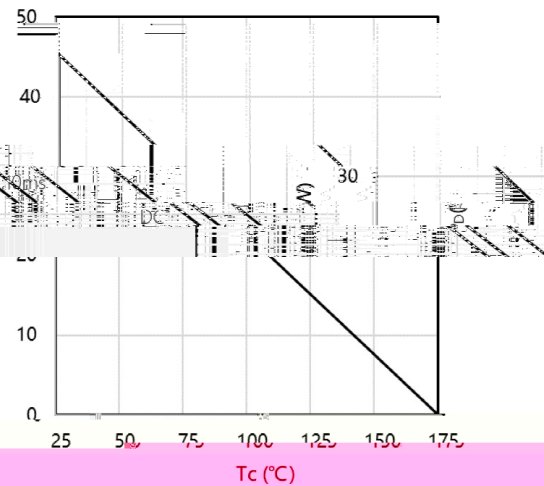


Fig2. Power dissipation

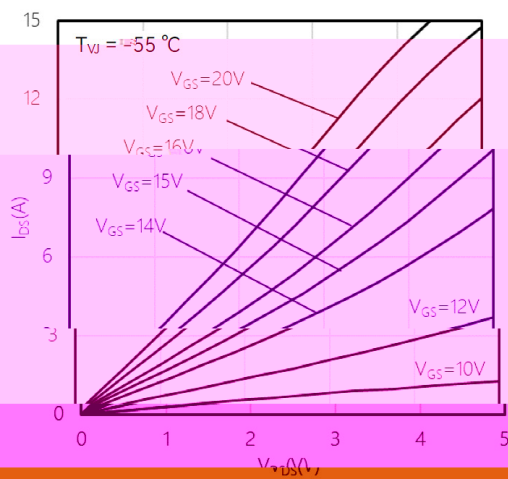


Fig3. Typical output characteristic

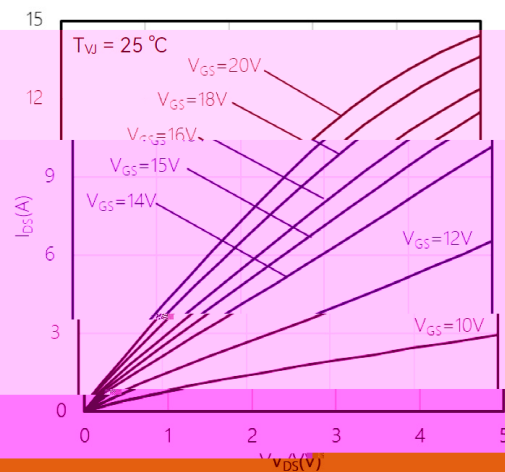


Fig4. Typical output characteristic

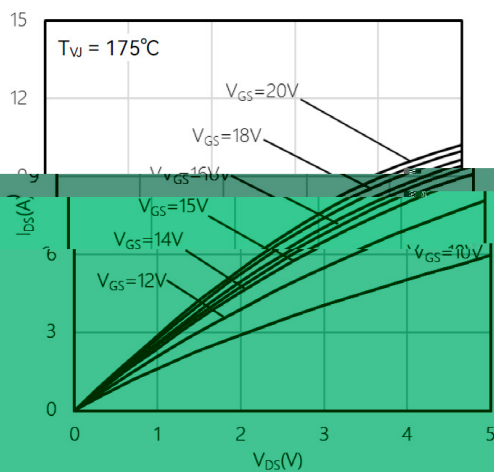


Fig5. Typical output characteristic

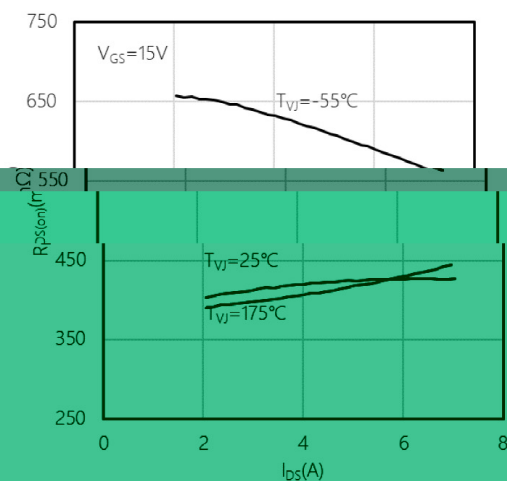
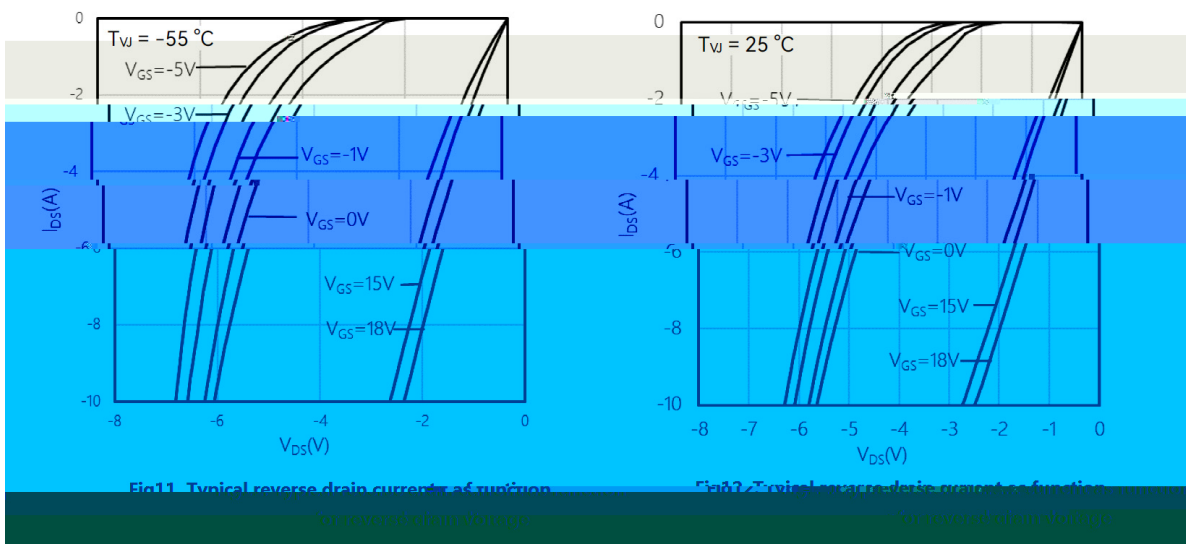
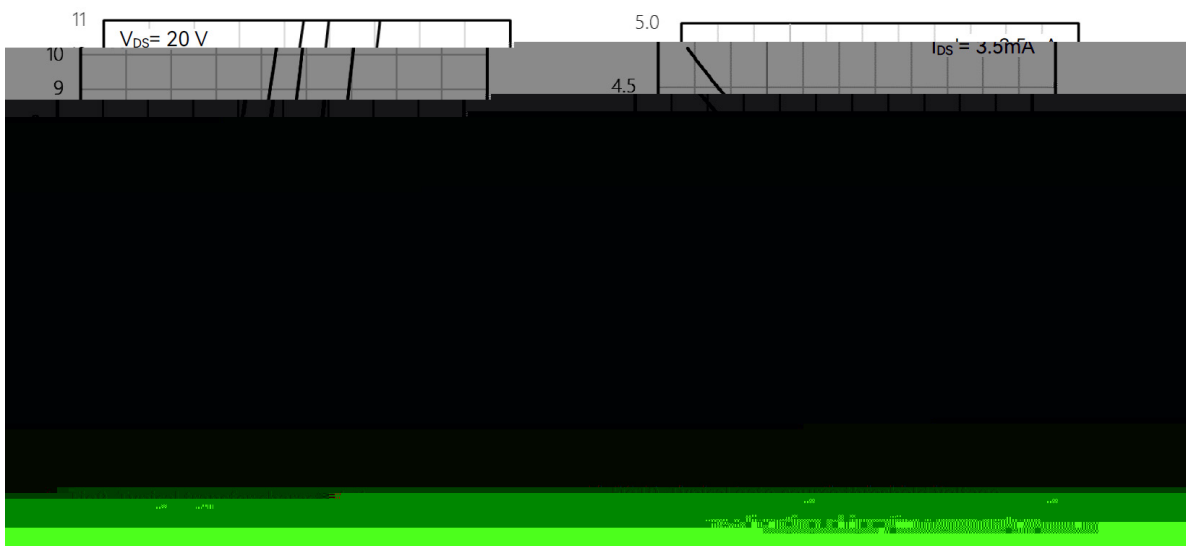
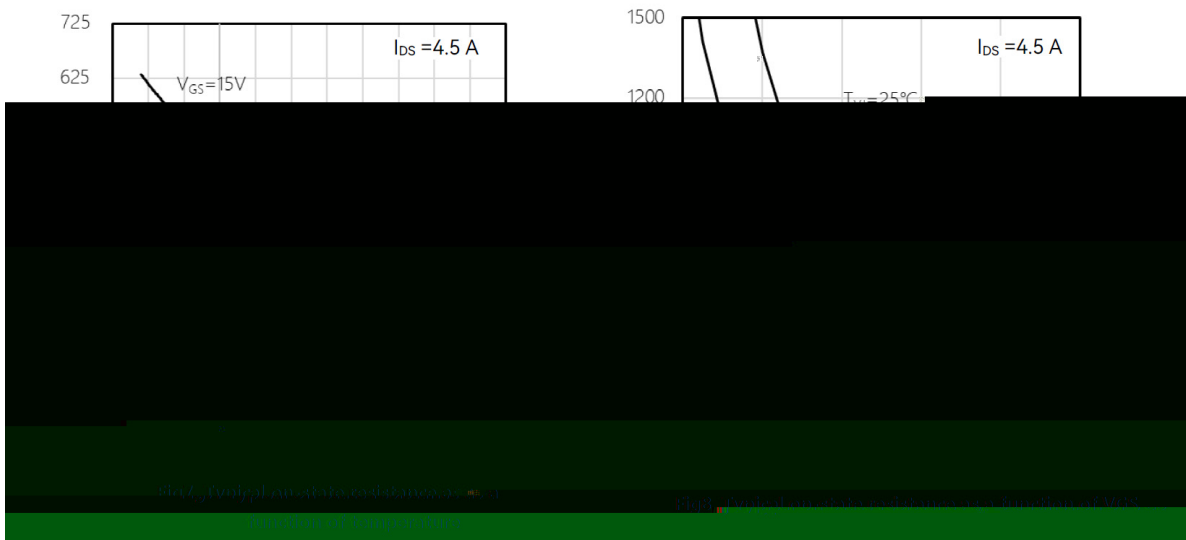
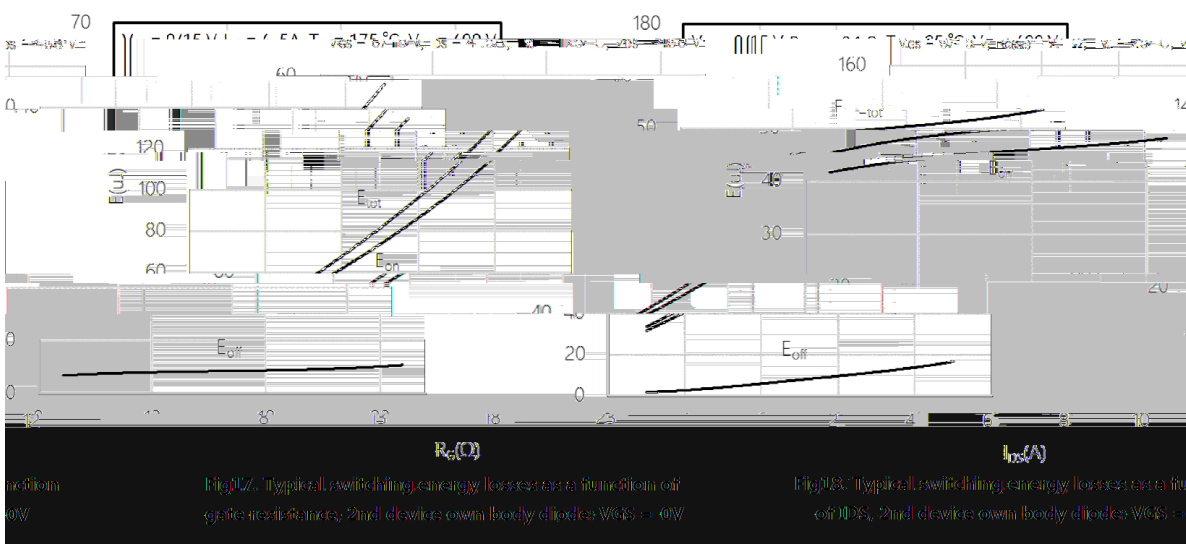
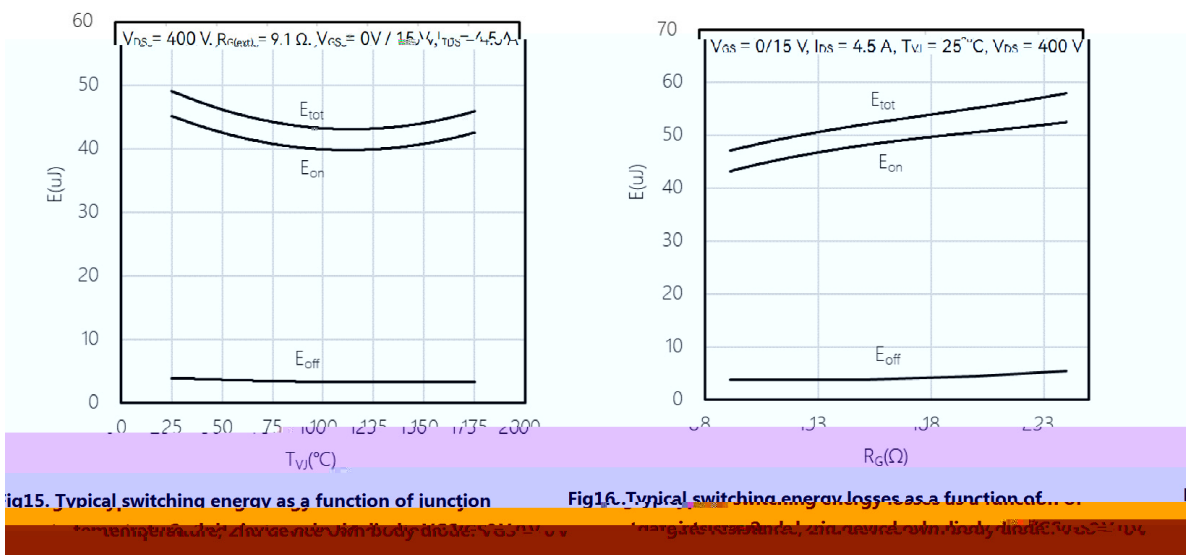
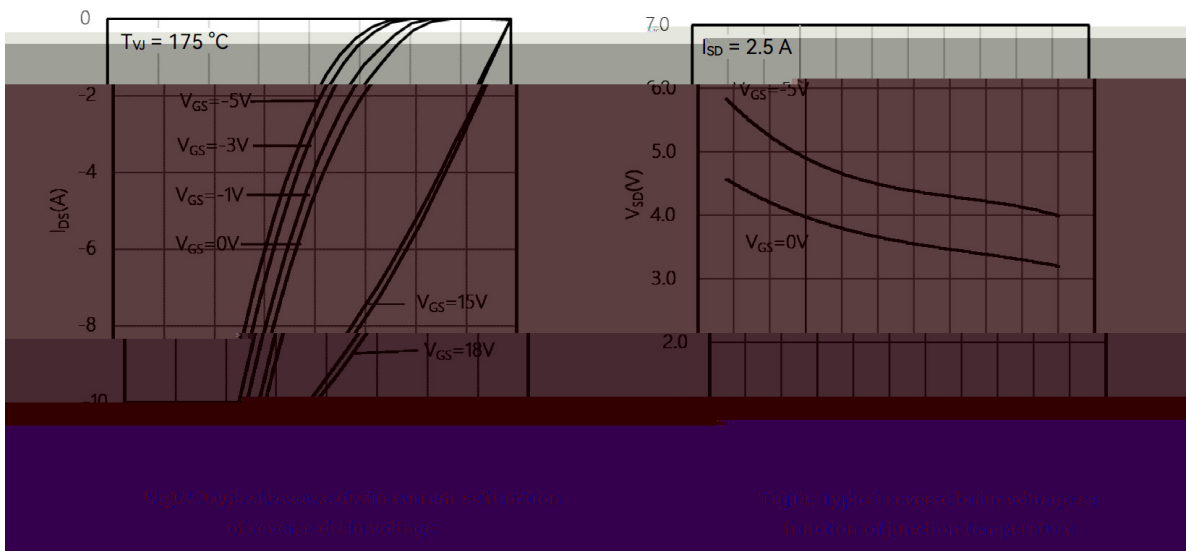


Fig6. Typical on-state resistance as a function of drain current

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

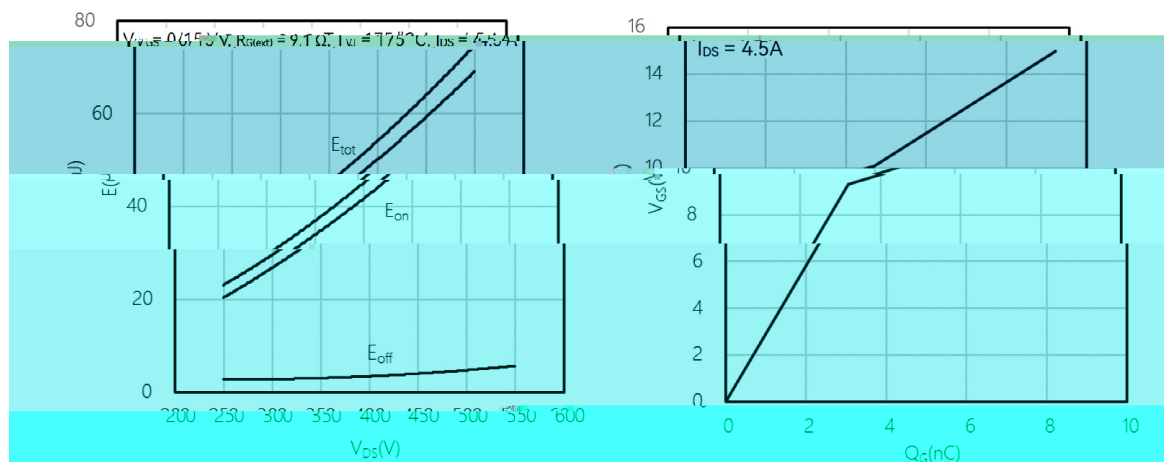
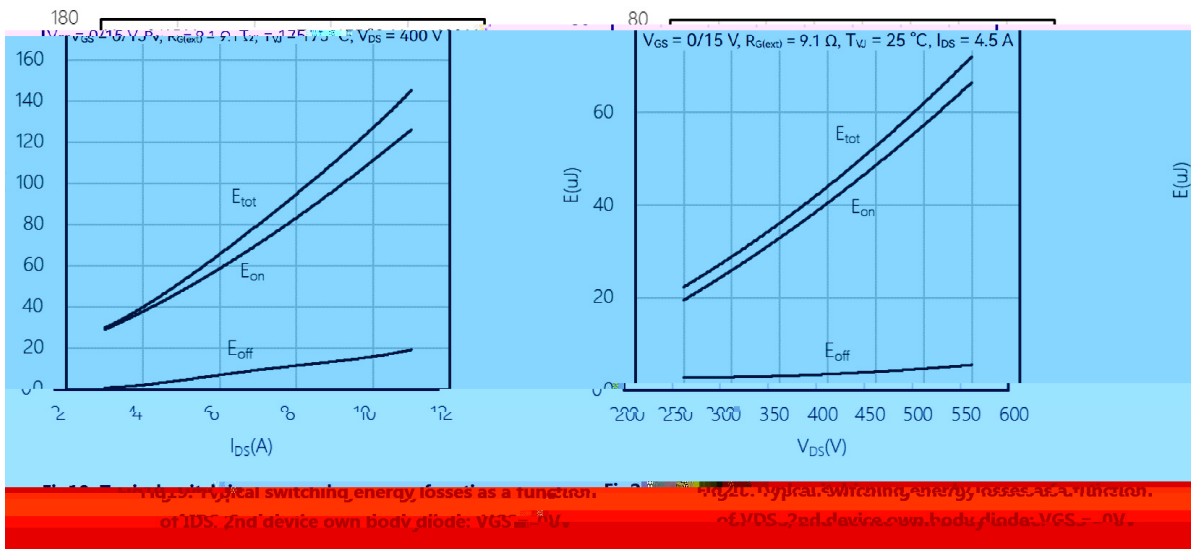
Fig21. Typical switching energy losses as a function of V_{DS} . 2nd device own body diode. $V_{GS} = 0V$

Fig22. Typical gate charge

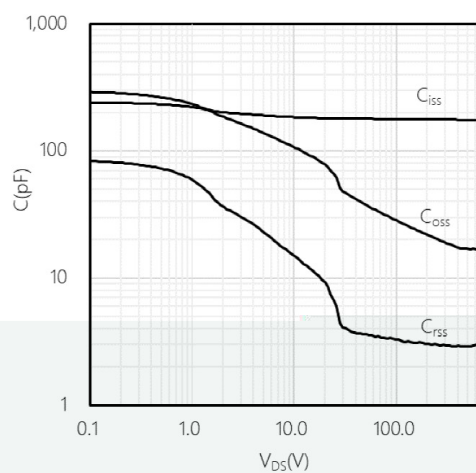
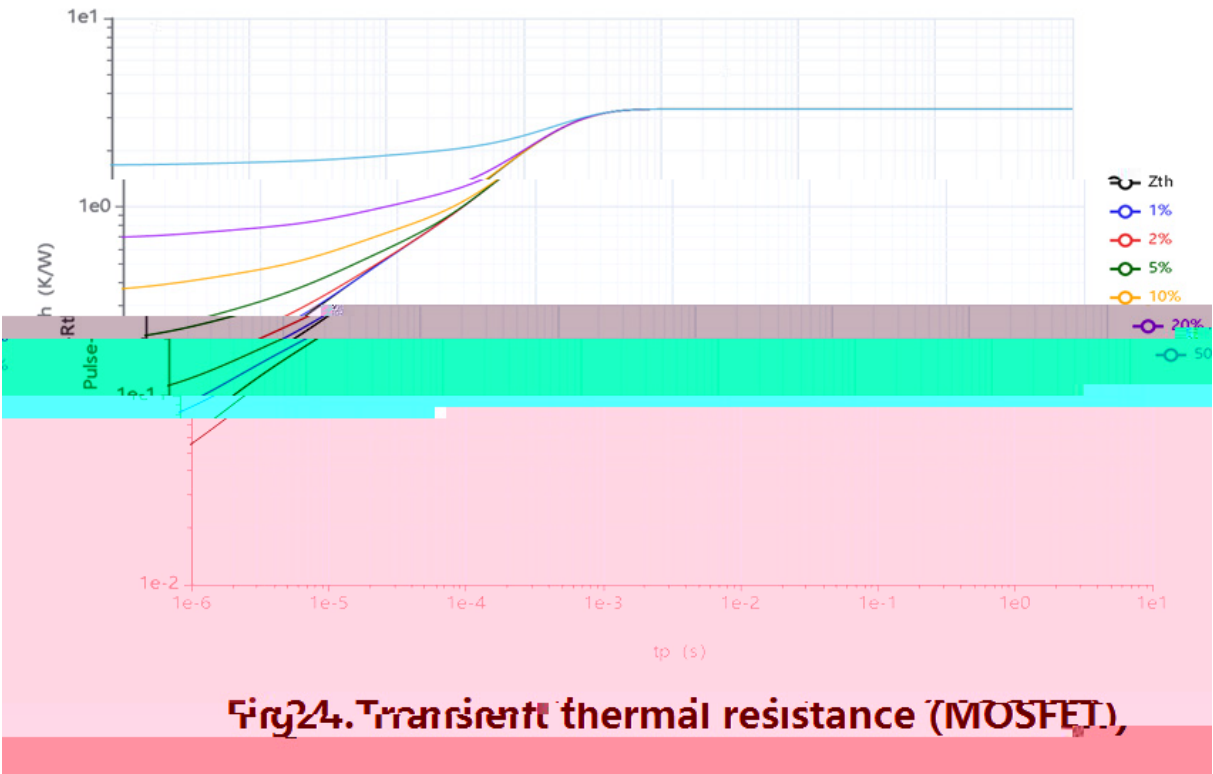


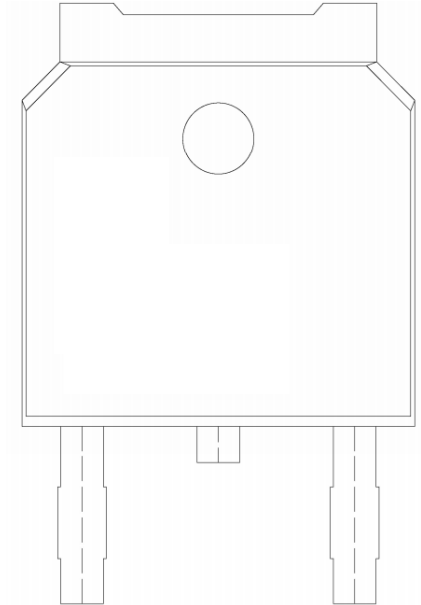
Fig23. Typical capacitance as a function of drain-source voltage

/ Electrical Characteristic Curve



BRSC65R480ZDP

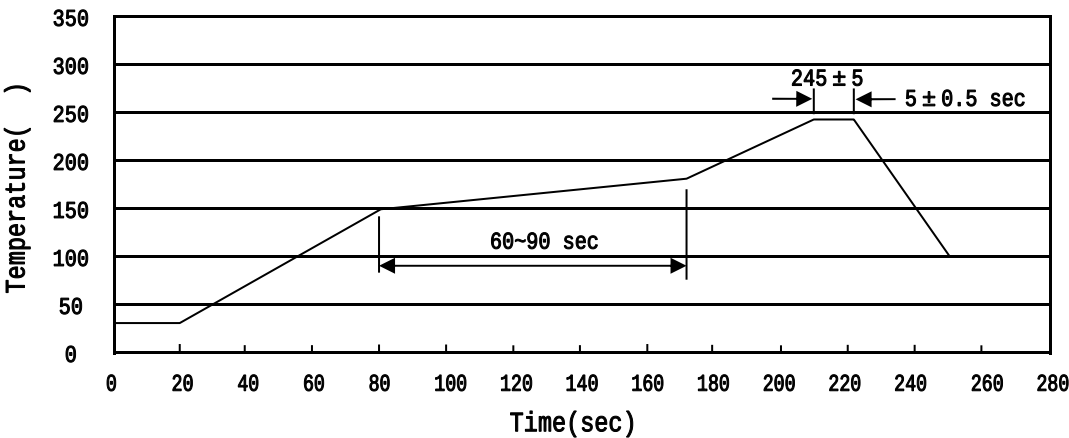
/ Marking Instructions



65R480Z

SC

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± °C

/ Packaging SPEC.

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box

/ Notices