



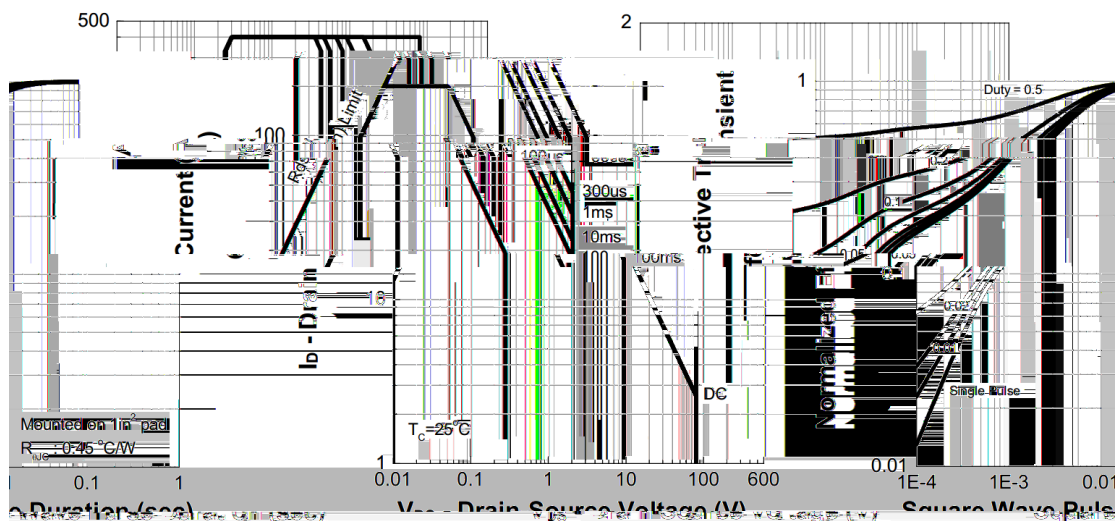
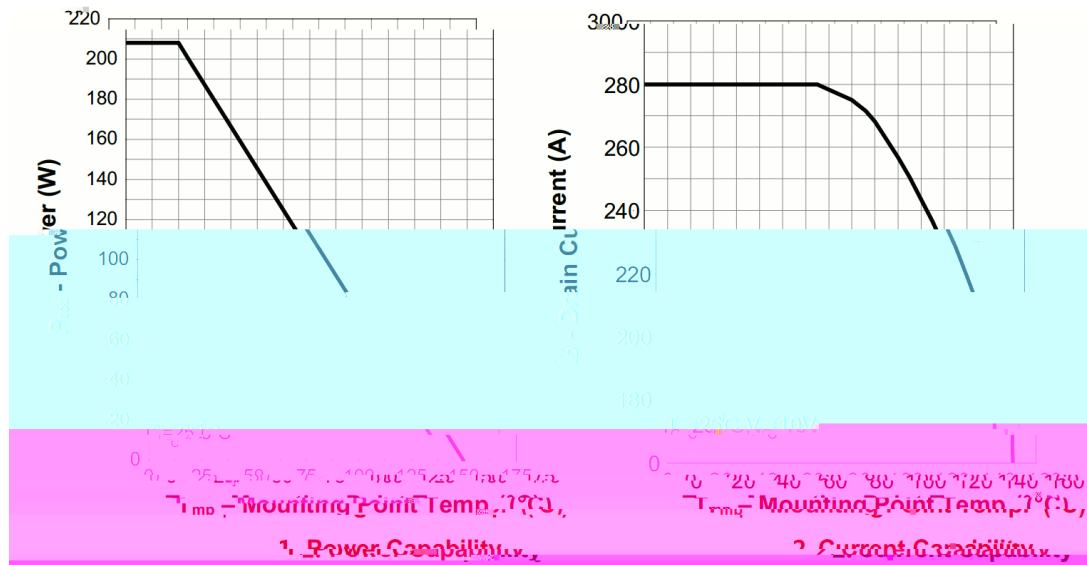
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/ Electrical Characteristics(Ta=25 )

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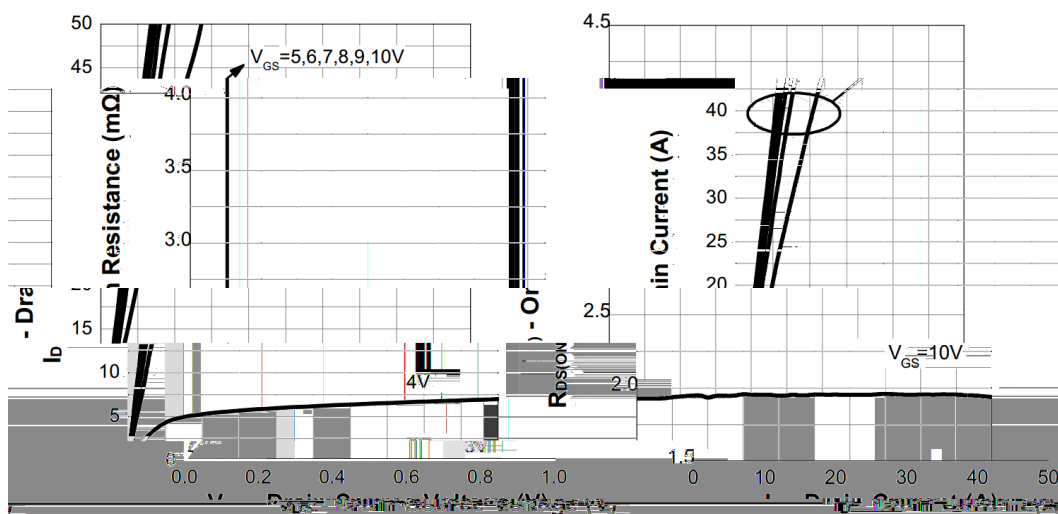
## / Electrical Characteristic Curve



Transient Thermal Impedance

3. Safe Operating Area

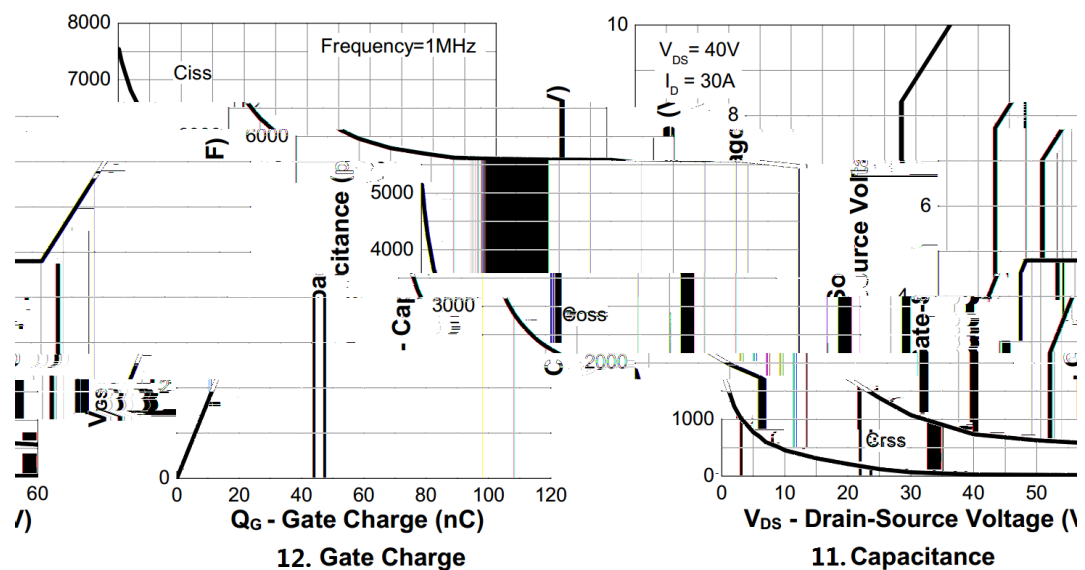
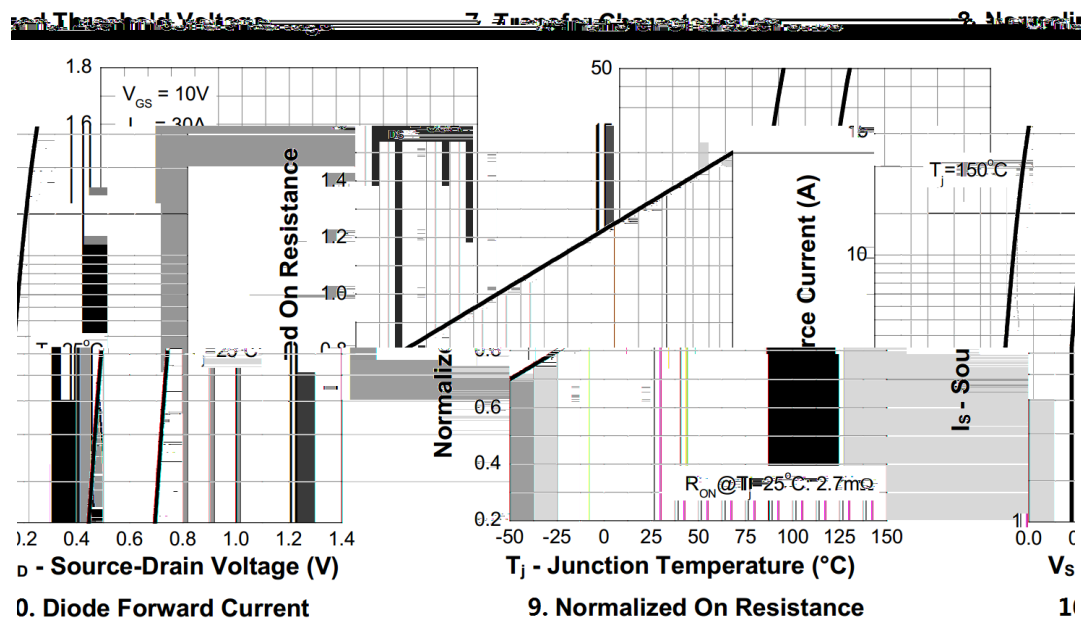
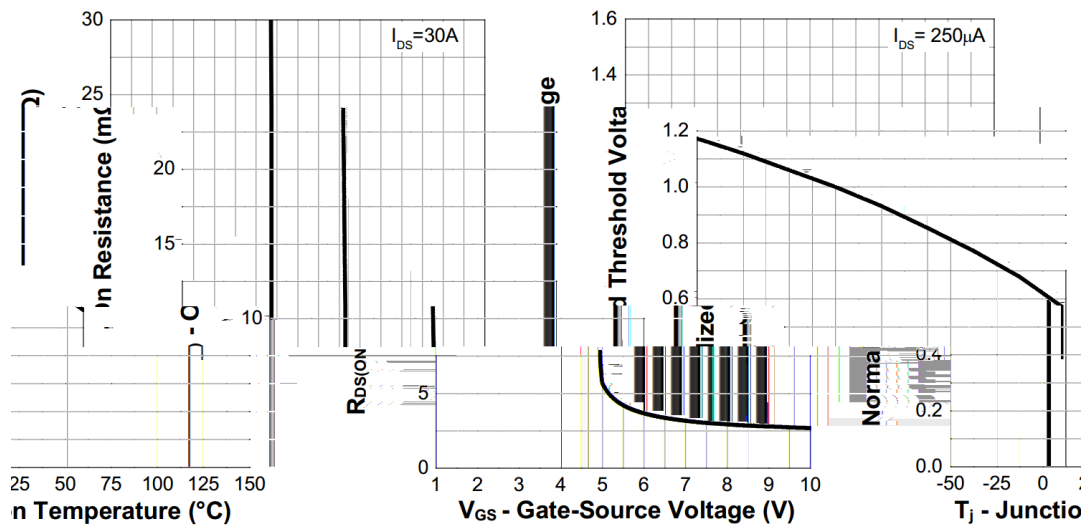
4. Tra



5. Output Characteristics

6. On Resistance

## / Electrical Characteristic Curve



Technical drawing of a mechanical part showing three views: Front View, Top View, and Side View.

**Front View:** Shows a part with a total width of  $E$ , a central hole with diameter  $\varnothing 3.00$ , and a total height of  $H$ . The top edge has a fillet with radius  $R1$ . The bottom edge has a fillet with radius  $R2$ . The part is divided into two main sections with widths  $b1$  and  $b4$ . The distance between the center of the hole and the right edge is  $D2$ . The part is shown with a cross-section line A-A.

**Top View:** Shows the part from above with a total width of  $E$  and a total depth of  $H$ . The part is divided into two main sections with widths  $b1$  and  $b4$ . The distance between the center of the hole and the right edge is  $D2$ . The part is shown with a cross-section line A-A. The surface finish is specified as  $0.25 \mu m$  for the top surface and  $0.10 \mu m$  for the side surfaces.

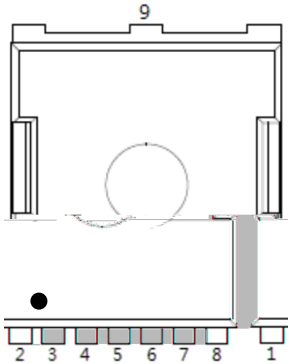
**Side View:** Shows the part from the side with a total width of  $E$  and a total height of  $H$ . The part is divided into two main sections with widths  $b1$  and  $b4$ . The distance between the center of the hole and the right edge is  $D2$ . The part is shown with a cross-section line A-A. The surface finish is specified as  $0.25 \mu m$  for the top surface and  $0.10 \mu m$  for the side surfaces.

**Surface Finish:** The surface finish is specified as  $0.25 \mu m$  for the top surface and  $0.10 \mu m$  for the side surfaces.

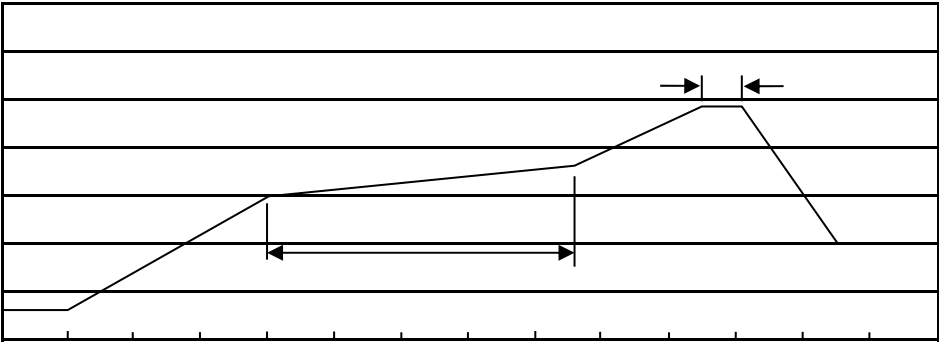
**Dimensions:** The dimensions are  $E$ ,  $H$ ,  $b1$ ,  $b4$ ,  $D2$ ,  $R1$ ,  $R2$ ,  $\varnothing 3.00$ ,  $b3$ ,  $a$ ,  $b$ ,  $c$ ,  $d$ ,  $e$ ,  $f$ ,  $g$ ,  $h$ ,  $i$ ,  $j$ ,  $k$ ,  $l$ ,  $m$ ,  $n$ ,  $o$ ,  $p$ ,  $q$ ,  $r$ ,  $s$ ,  $t$ ,  $u$ ,  $v$ ,  $w$ ,  $x$ ,  $y$ ,  $z$ .

**Notes:** The drawing includes a note "Mold flash area" pointing to a specific region on the part.

/ Marking Instructions



(    ) /



/    Resistance to Soldering Heat Test Conditions

/    Packaging SPEC.

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/    Notices