

/ Descriptions

/ Features

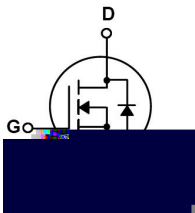
“ ”

“ ”

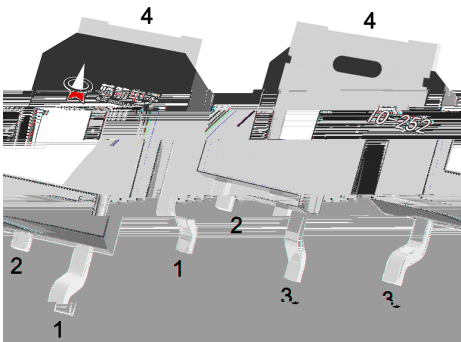
/ Applications

OHG

/ Equivalent Circuit



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Ta=25)

/ Electrical Characteristics(Ta=25)

		μ				
						μ
		μ				
						Ω

/ Electrical Characteristics(Ta=25)

		Ω				

/ Electrical Characteristic Curve

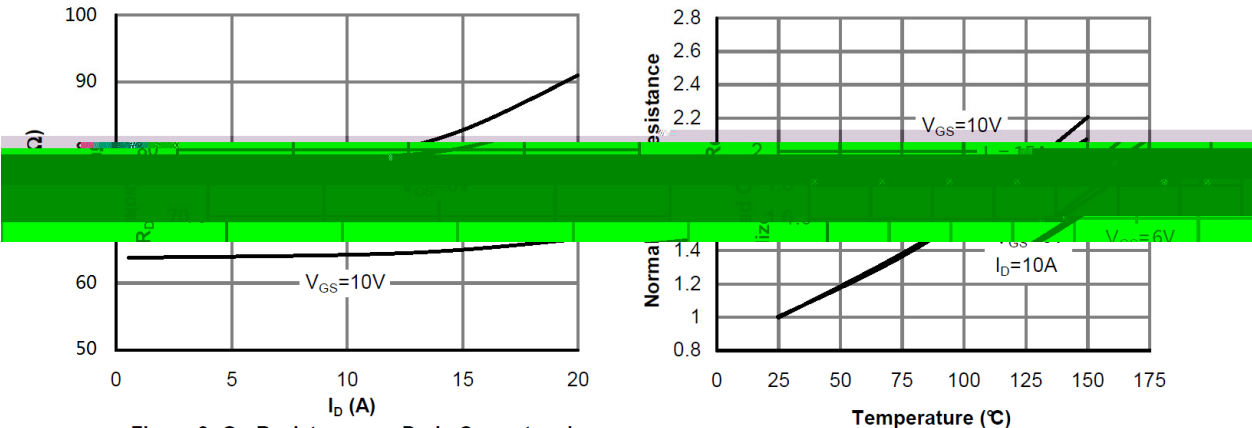
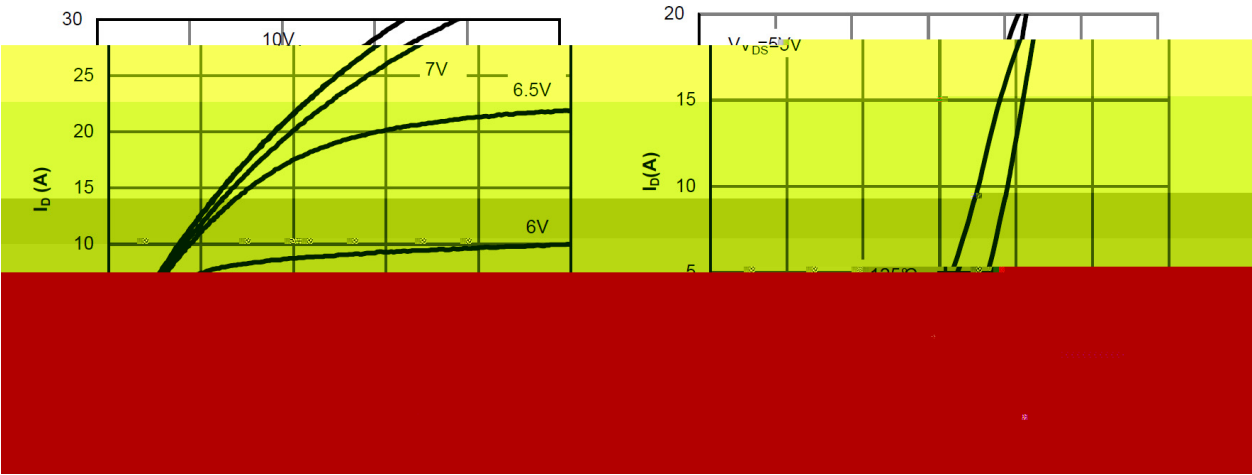


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

Figure 4: On-Resistance vs. Junction Temperature

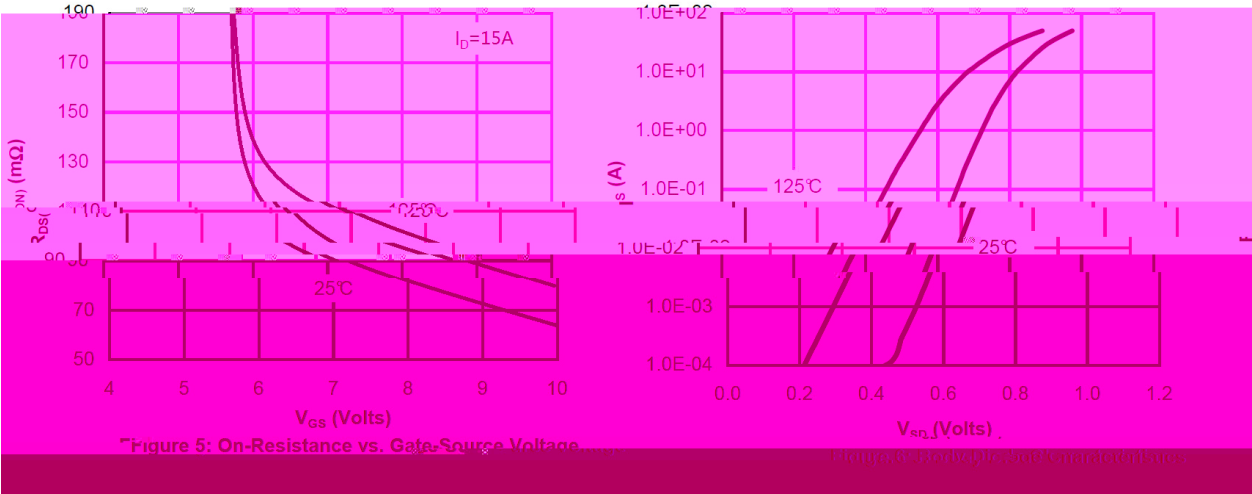


Figure 5: On-Resistance vs. Gate-Source Voltage

/ Electrical Characteristic Curve

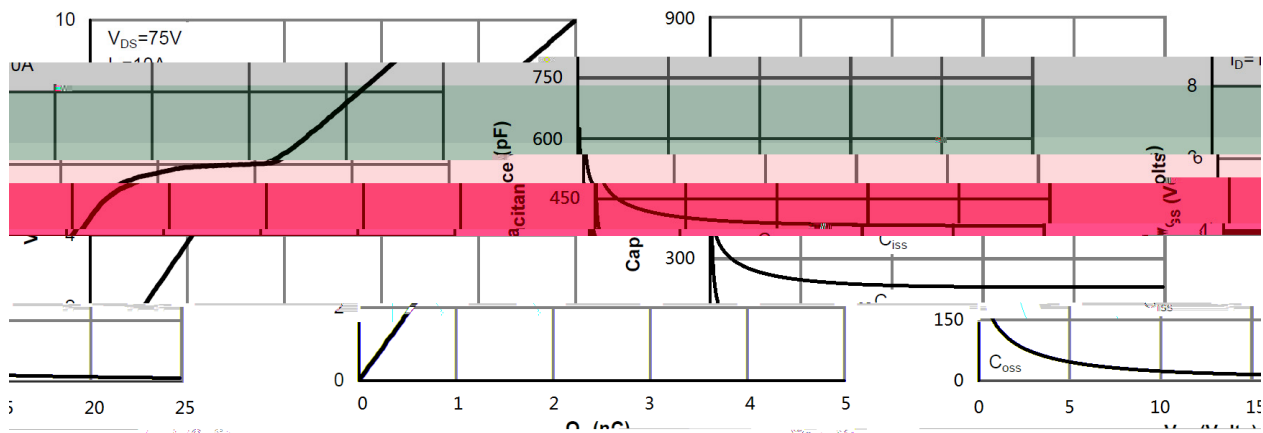
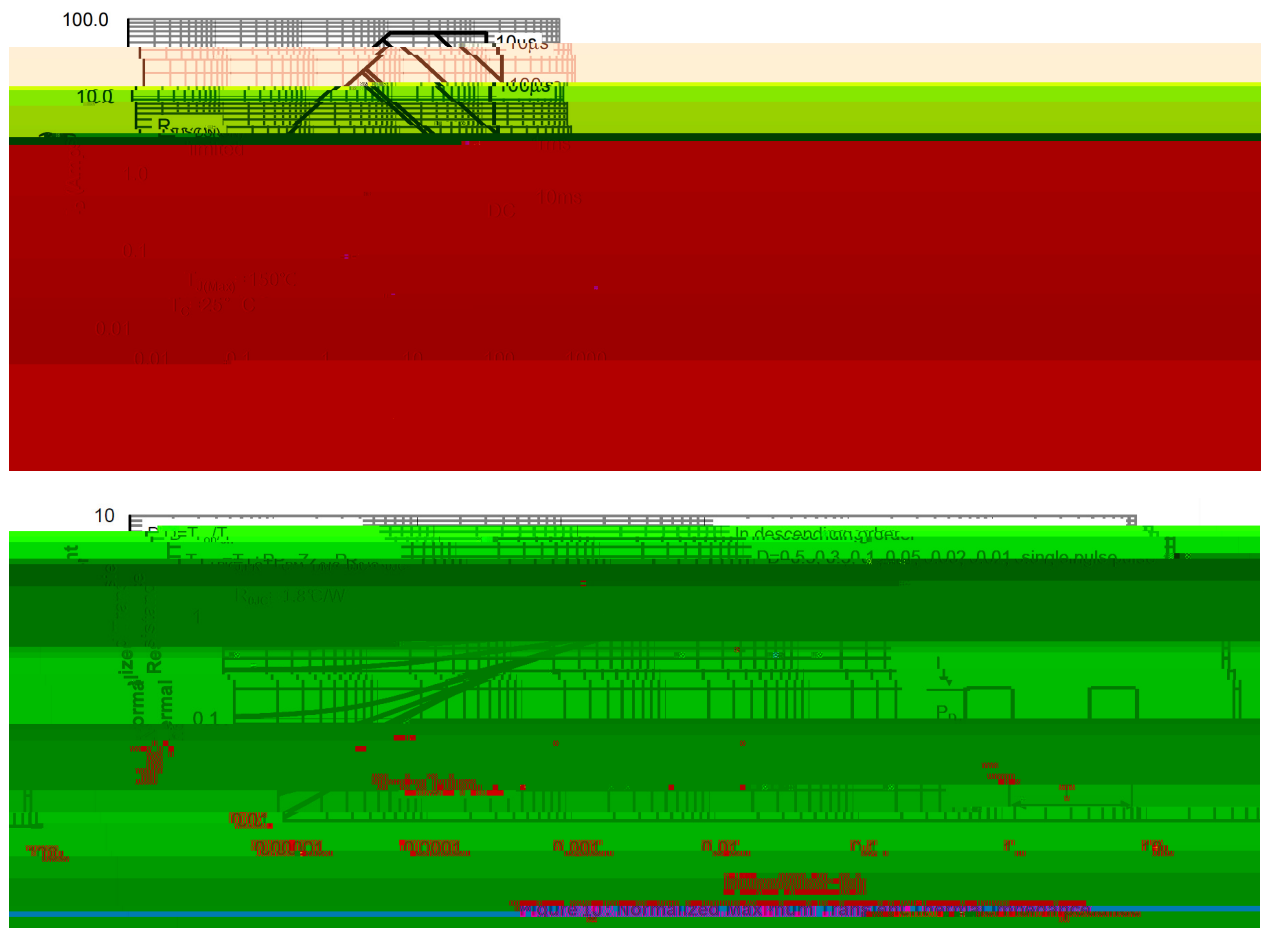
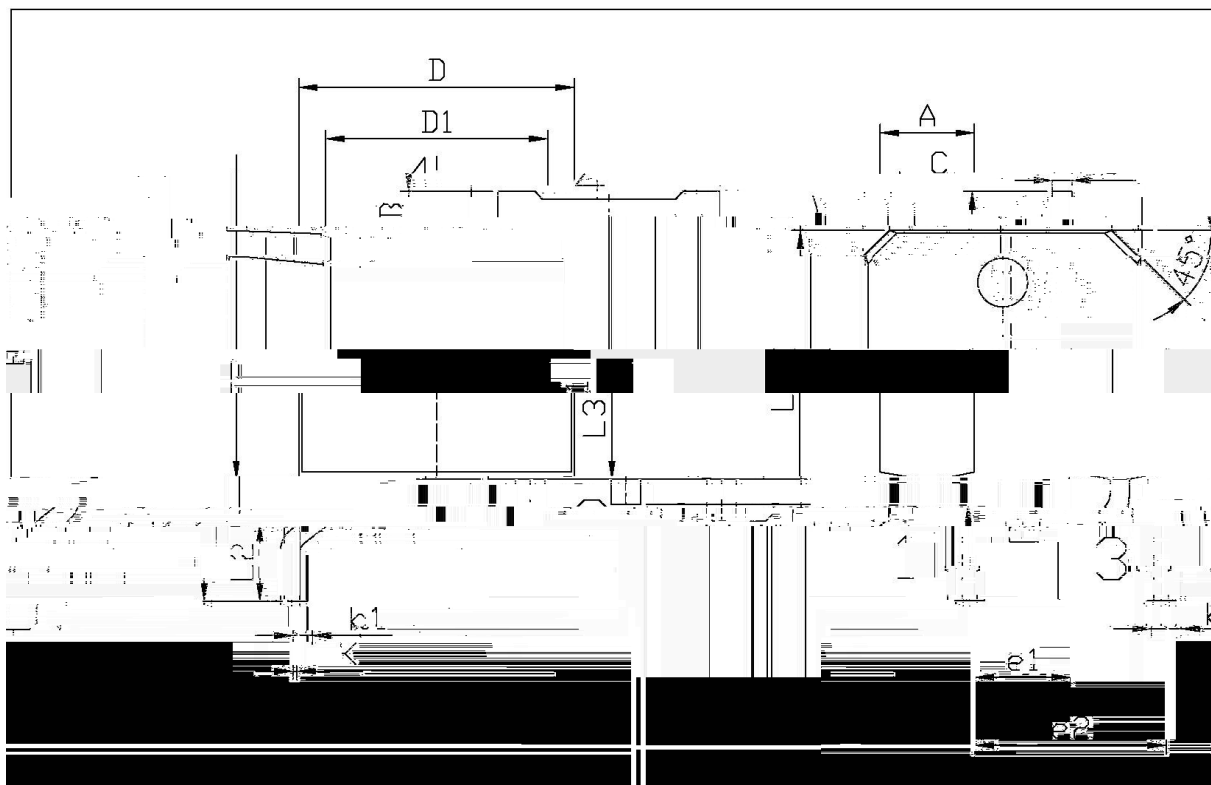


Figure 8: Capacitance Characteristics

Figure 7: Gate-Charge Characteristics



/ Package Dimensions

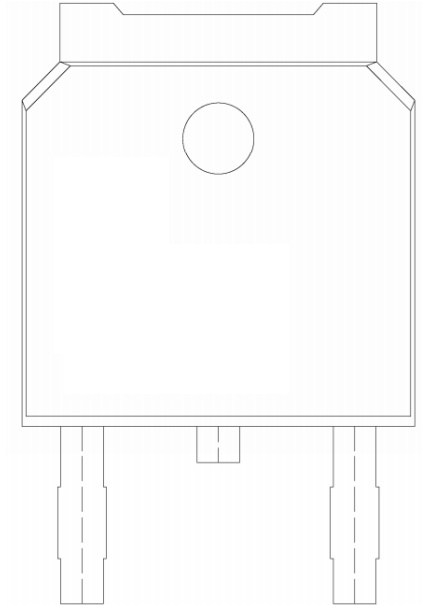


单位: mm

Symbol		Dimensions In Millimeters		Symbol		Dimensions In Millimeters	
		Min	Max			Min	Max
5.95	6.25	A	2.20	2.40	B	0.95	1.25
2.24	2.34						
4.73	4.73						
L1	9.85	10.35	b1	0.75	0.45	0.55	
	0.15	0.55	L2	1.70	2.00		
	0.60	0.90	D	6.45	6.75		
	0.50	0.00		0.10	0.10		

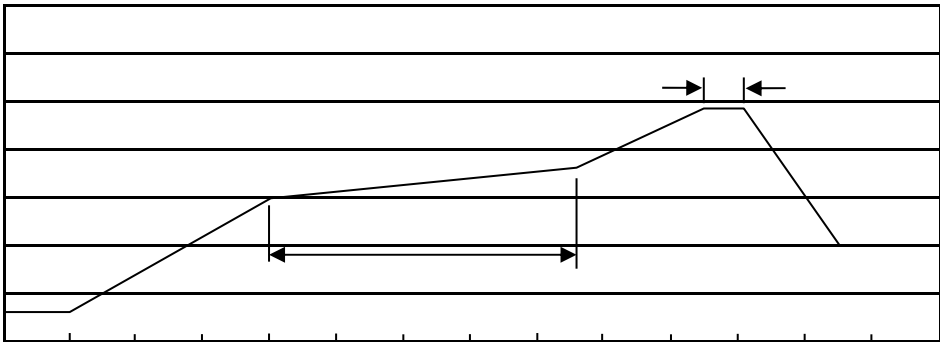
$$T0 \equiv 252$$

/ Marking Instructions



:83Q48VK

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



$\frac{3}{8}$

$2 \frac{3}{8}$

$\frac{3}{8}$

2

$\frac{3}{8}$

$2 \frac{3}{8}$

$\frac{3}{8}$

2

/ Resistance to Soldering Heat Test Conditions

$2 \frac{3}{8}$

2

/ 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