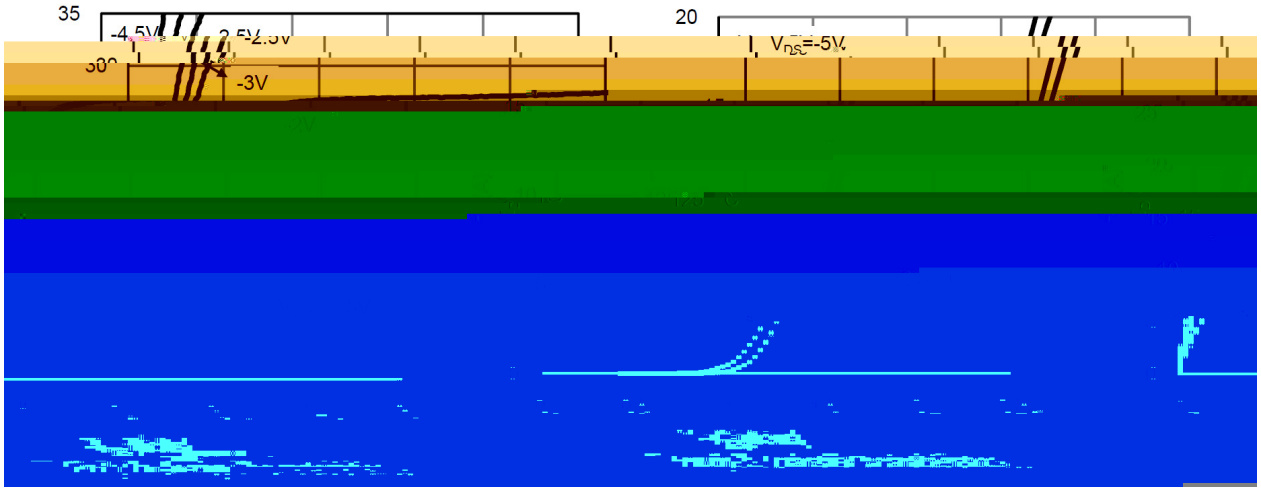
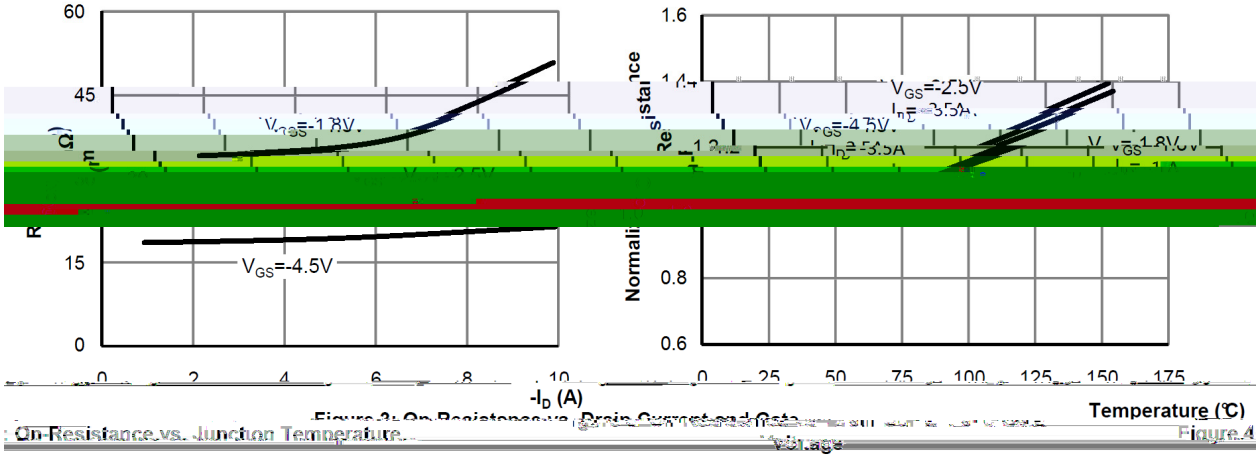
/ Electrical Characteristics(Ta=25)

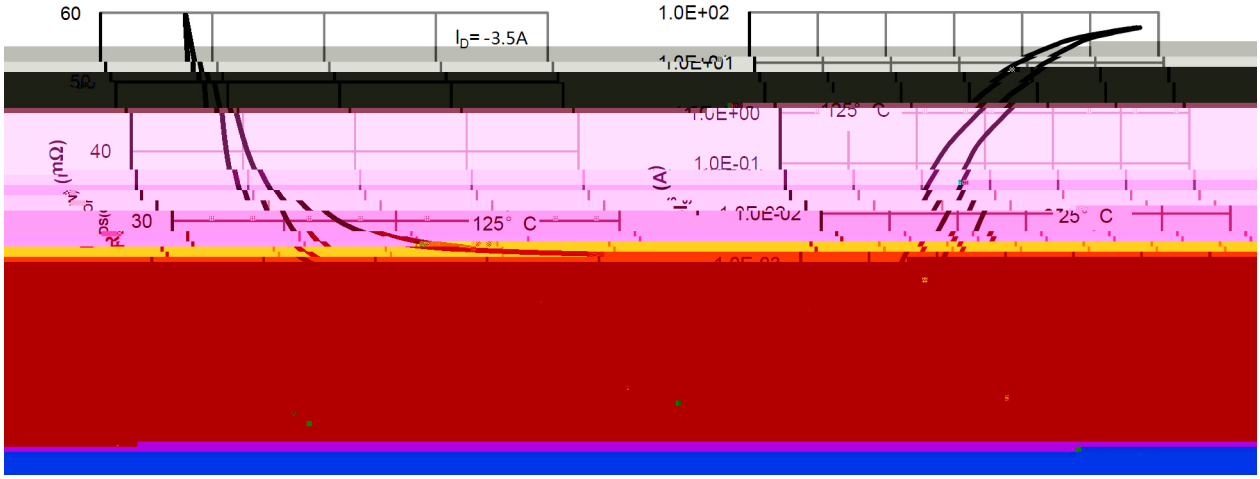
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Total Gate Charge	Q_g	V_{GS}=-4.5V, V_{DS}=-10V, I_D=-7.0A		10.4		nC
Gate Source Charge	Q_{gs}			1.1		
Gate Drain Charge	Q_{gd}			2.1		
Turn–On Delay Time	$t_{d(on)}$	V_{GS}=-4.5V I_D=-7.0A V_{DS}=-10V R_{GEN}=3		11.4		ns
Turn–On Rise Time	t_r			49.3		
Turn–Off Delay Time	$t_{d(off)}$			55.9		
Turn–Off Fall Time	t_f			31.6		

/ Electrical Characteristic Curve

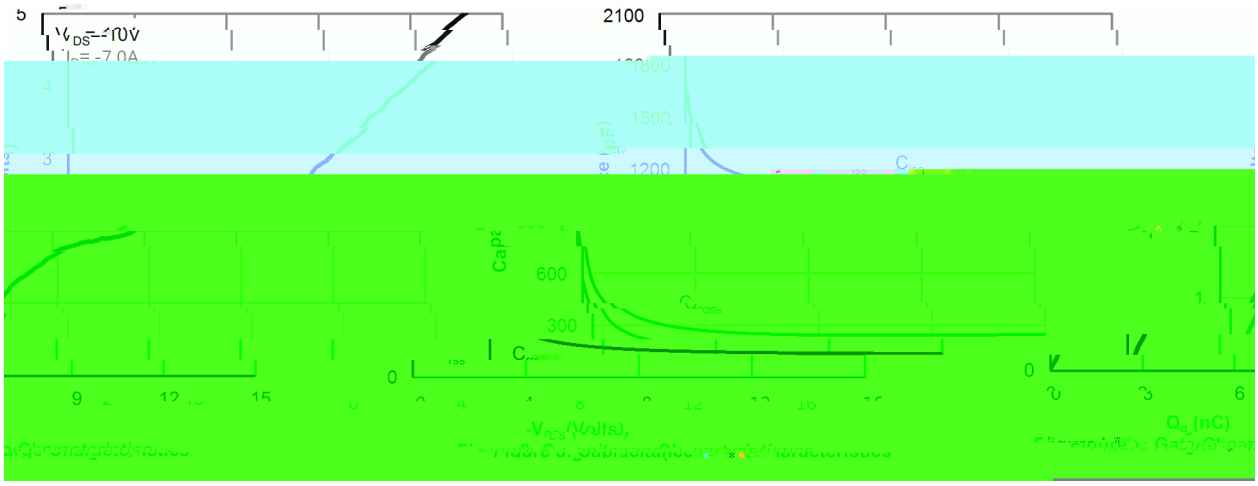


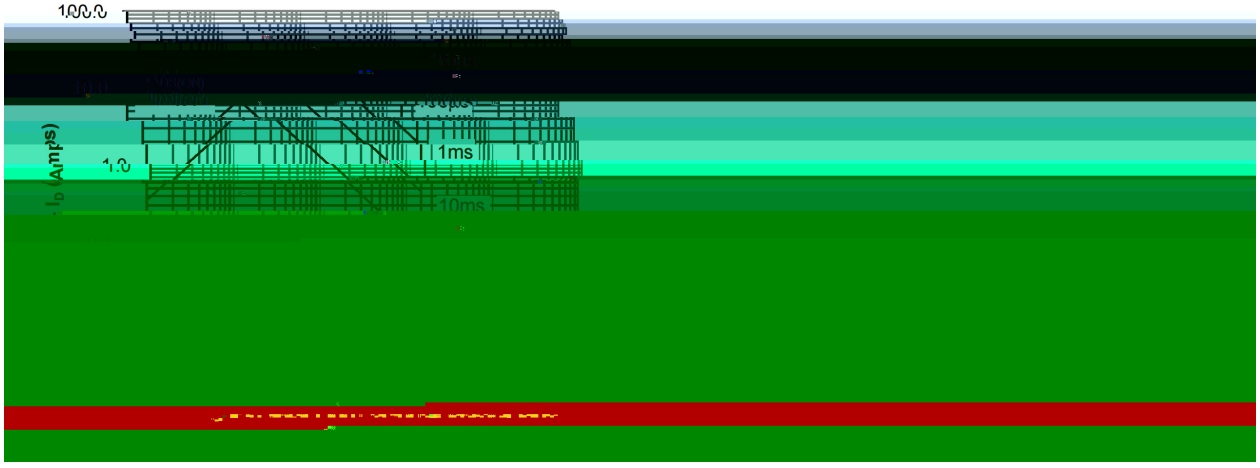


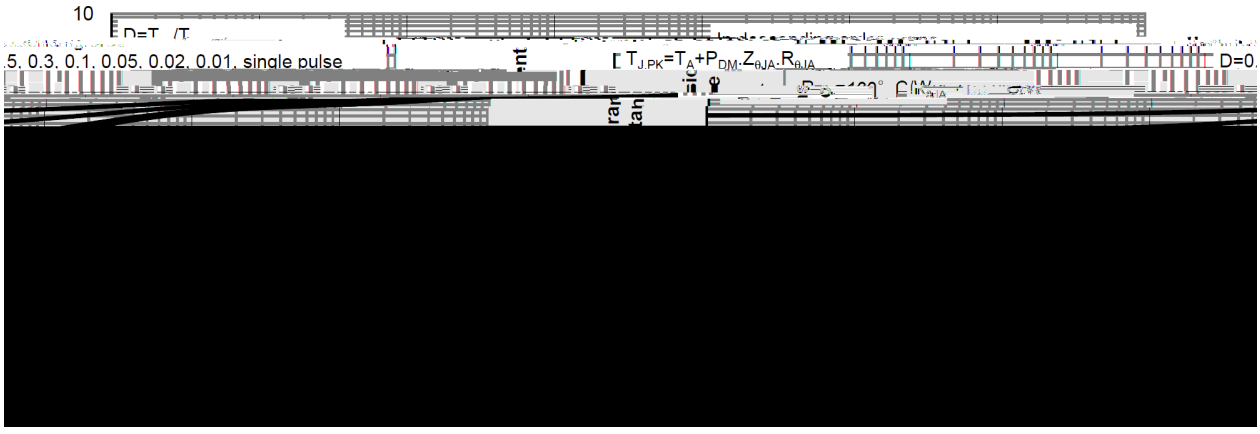
On-Resistance vs. Junction Temperature



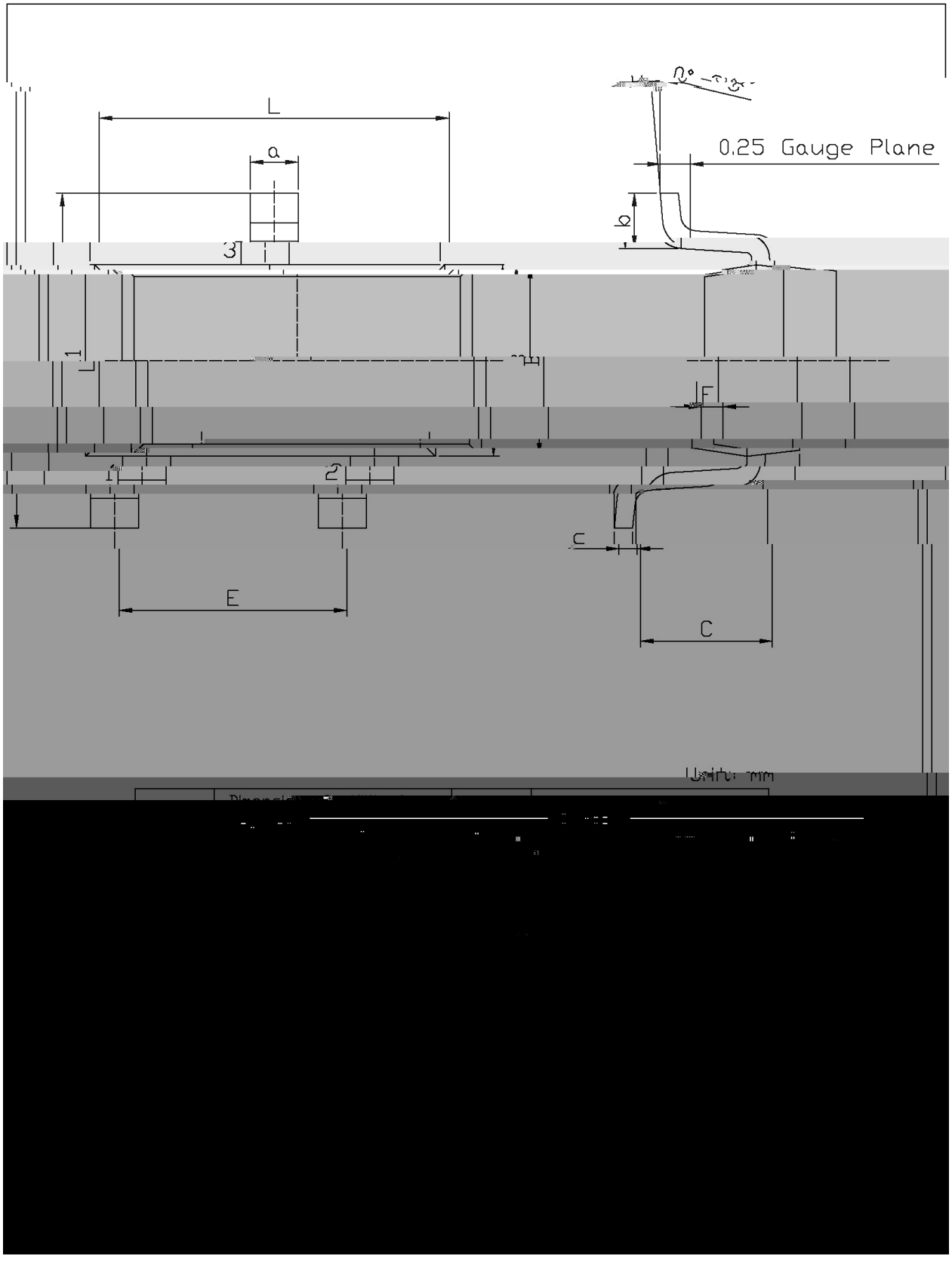
/ Electrical Characteristic Curve







/ Package Dimensions



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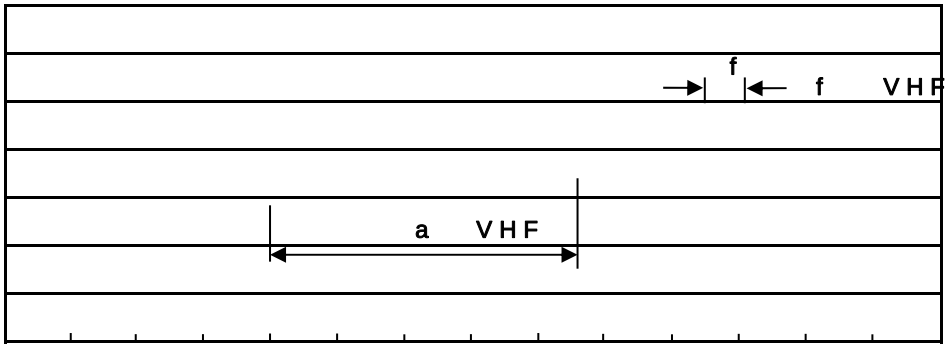
( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)



1	150 180	60 90sec;	Note: 1.Preheating:150~180 , Time:60~90sec.
2	245±5	5±0.5sec;	2.Peak Temp.:245±5 , Duration:5±0.5sec.
3	2 10 /sec.		3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5 10±1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 7>û ˜ E	Units ;>û ¦H					Dimension ;>û p . (unit Æmm³)		
	Units/Reel / --	Reels/Inner Box -- /-	Units/Inner Box /-	Inner Boxes/Outer Box - /1ç	Units/Outer Box /1ç	Reel	Inner Box	Outer Box1ç
SOT23-3	3,000	10	30,000	4	120,000	7 s ×8	210×205×205	445×435×230

/ Notices

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