TO-263 P

P-CHANNEL MOSFET in a TO-263 Plastic Package.

V_{DS}=-30V I_D=-98A

$R_{DS(on)}$@-10V≤7.0mΩ(Type.6.7mΩ)

$R_{DS(on)}$@-4.5V≤15mΩ(Type.9.0mΩ)

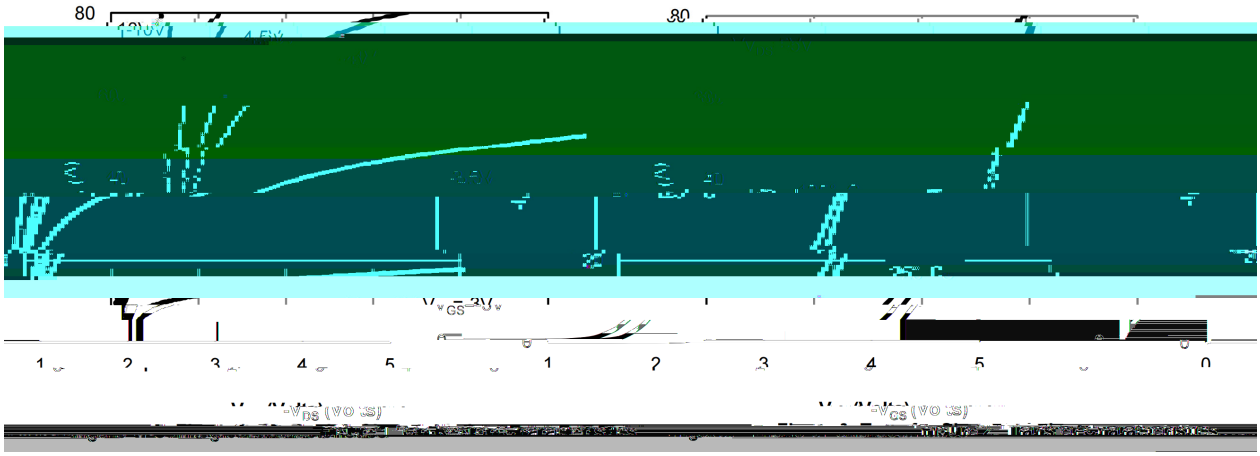
HF Product.

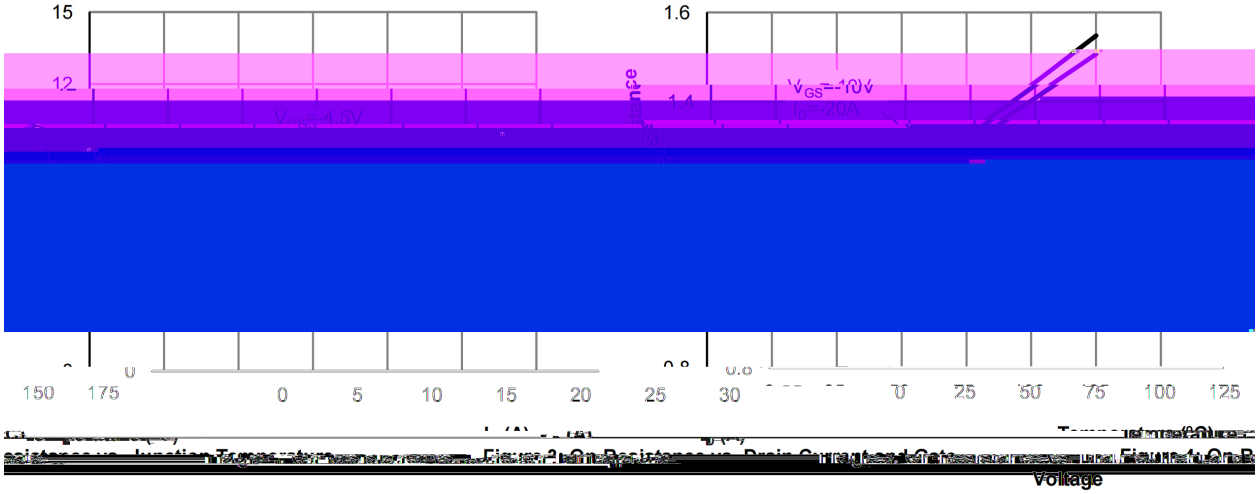
Parameter	Symbol	Rating	Unit

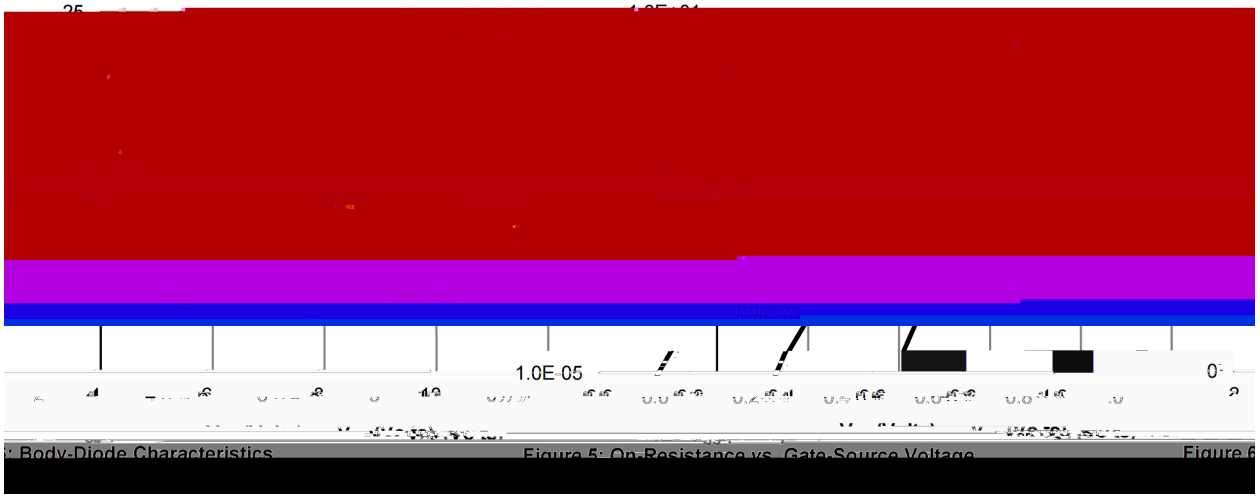
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	V_{GS}=-10V V_{DS}=-15V R_L=0.75Ω R_{GEN}=3Ω		12.5		ns
Turn-On Rise Time	t_r			19		
Turn-Off Delay Time	$t_{d(off)}$			125		
Turn-Off Fall Time	t_f			67		

/ Electrical Characteristic Curve

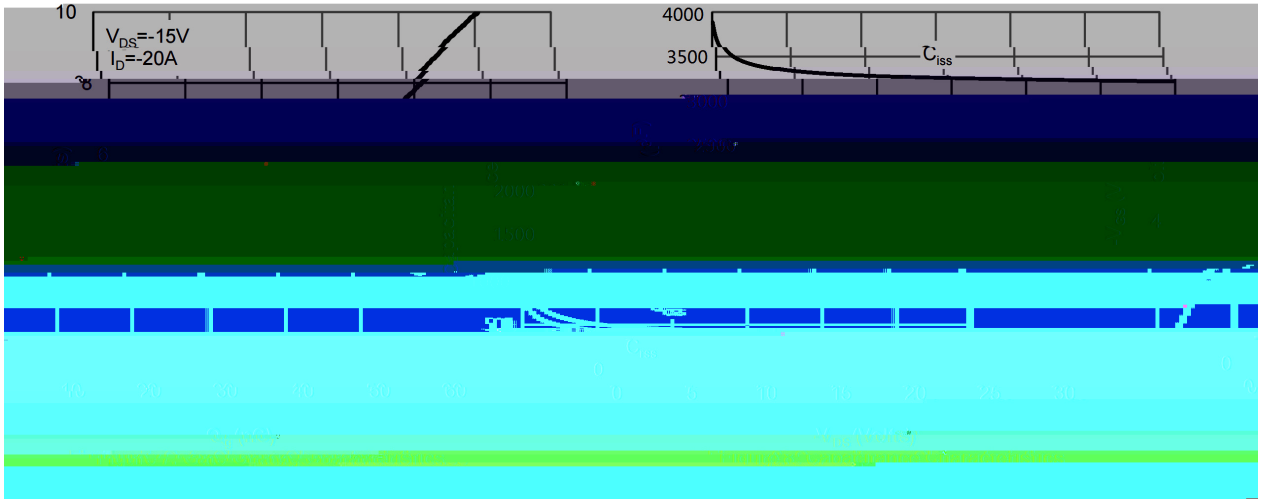


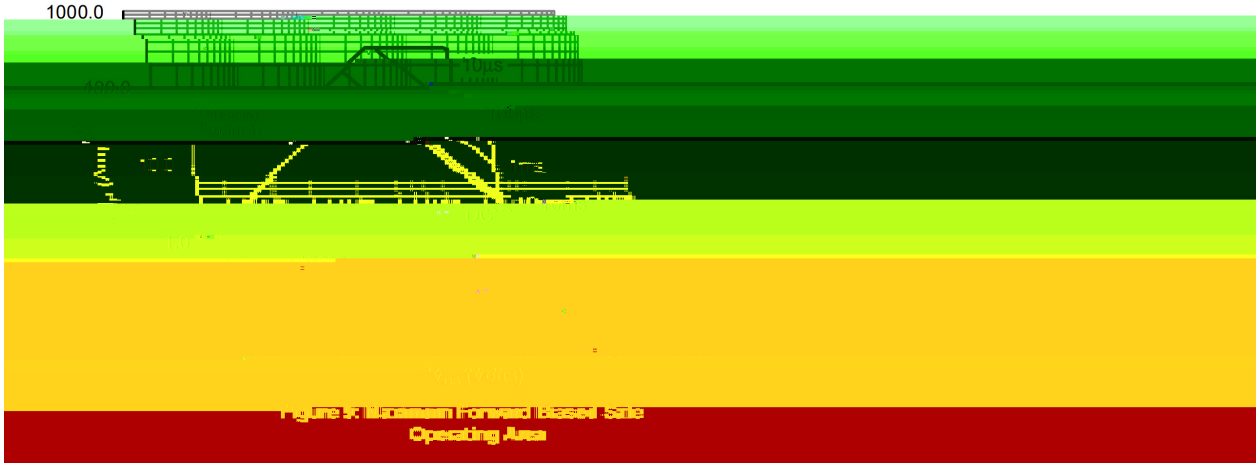


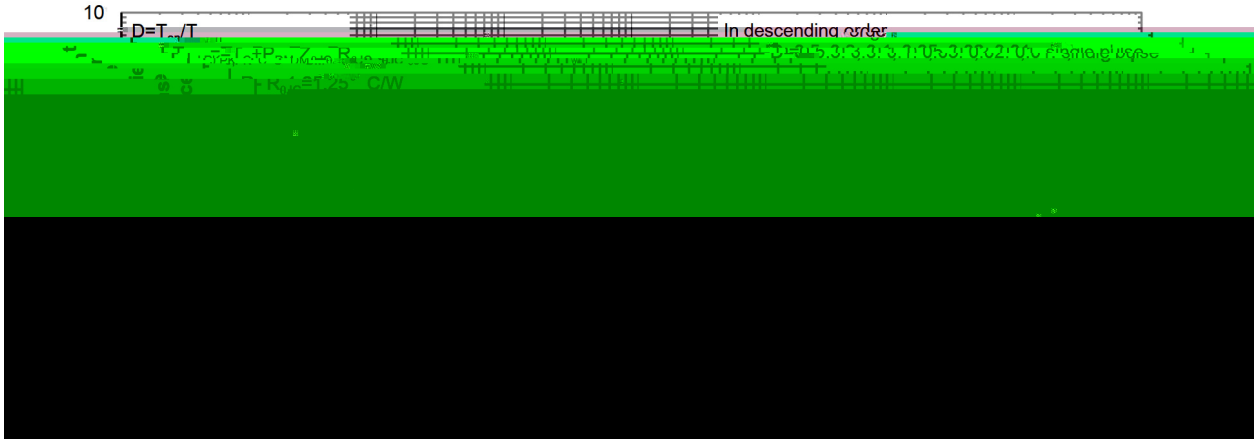


: Body-Diode Characteristics Figure 5: On-Resistance vs. Gate-Source Voltage Figure 6

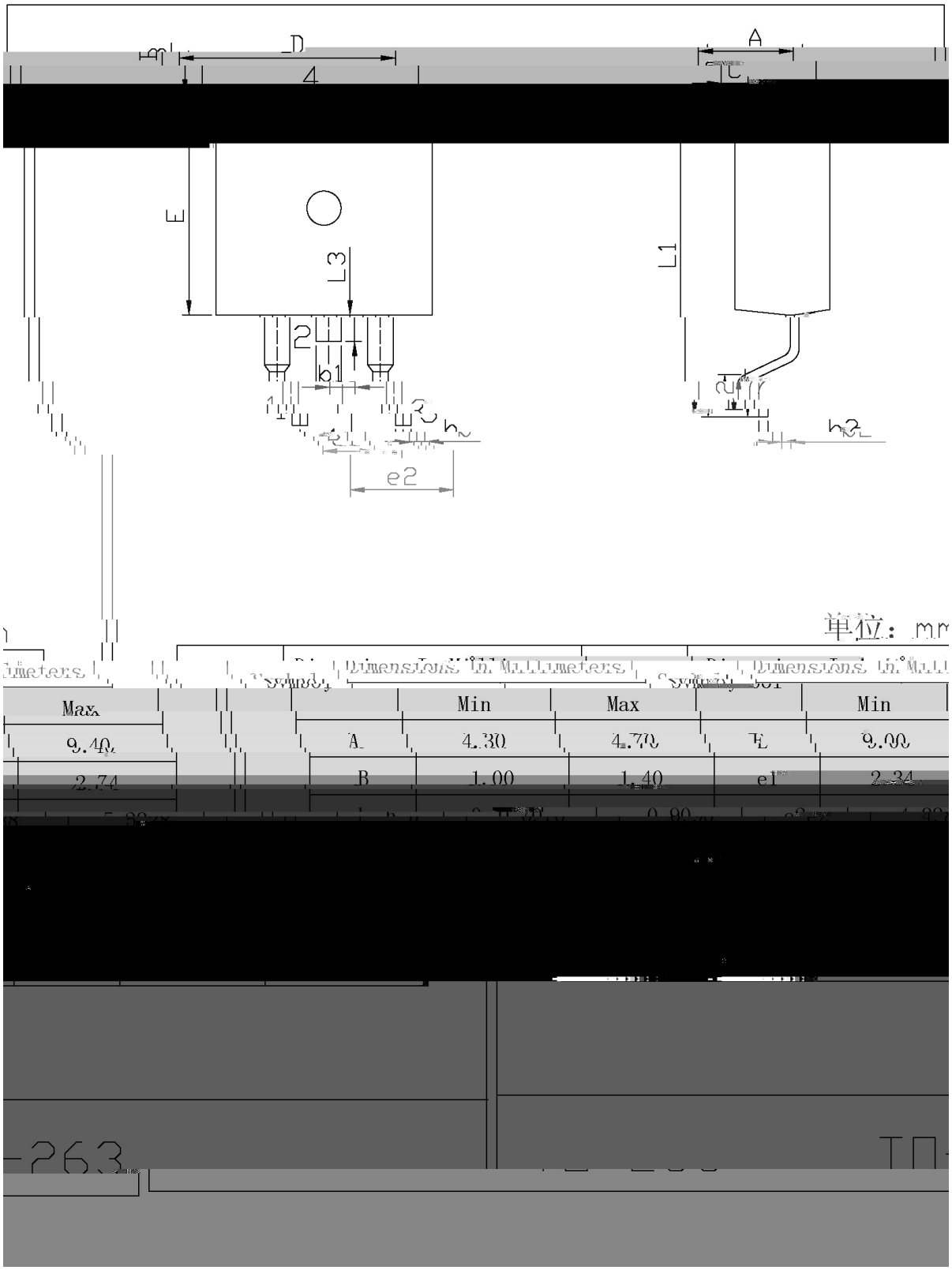
/ Electrical Characteristic Curve



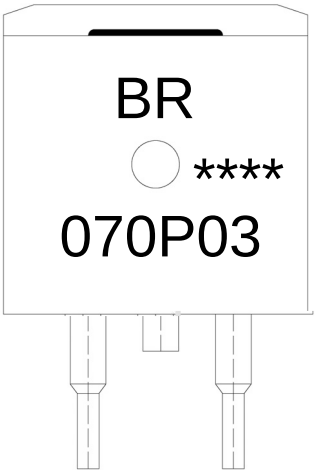




/ Package Dimensions



/ Marking Instructions



BR

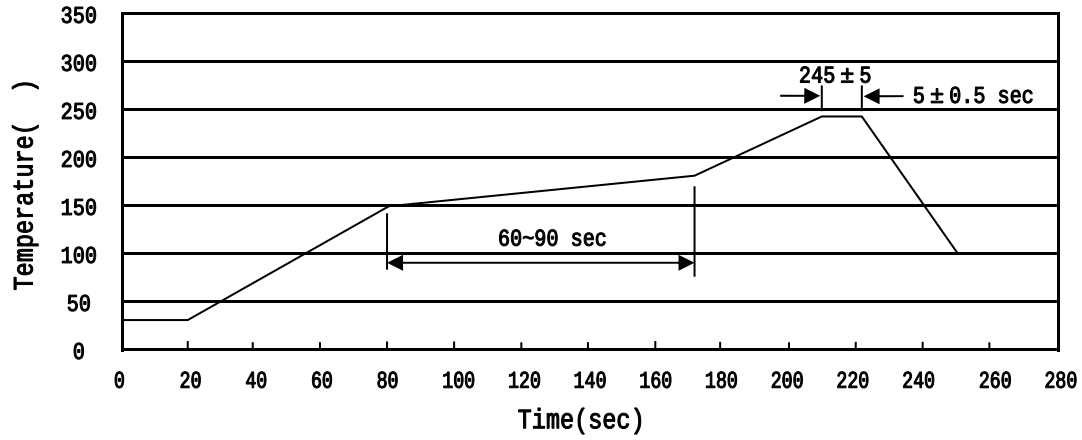
070P03

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Note:

BR:	Company Code
070P03:	Product Type Code
****:	Lot No. Code, code change with Lot No

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



1		150	180		60	90sec;	
2		245±5				5±0.5sec;	
3				2	10	/sec.	

Note:

1.Preheating:150~180 , Time:60~90sec.

2.Peak Temp.:245±5 , Duration:5±0.5sec.

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	Units					Dimension		(unit mm³)
	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box
TO-263	800	1	800	6	4,800	13 ×24	360×360×50	380×335×366

/ TUBE

Package Type	Units					Dimension		(unit mm³)
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-263	50	20	1,000	5	5,000	532×33×7.0	555×164×50	575×290×180

/ Notices