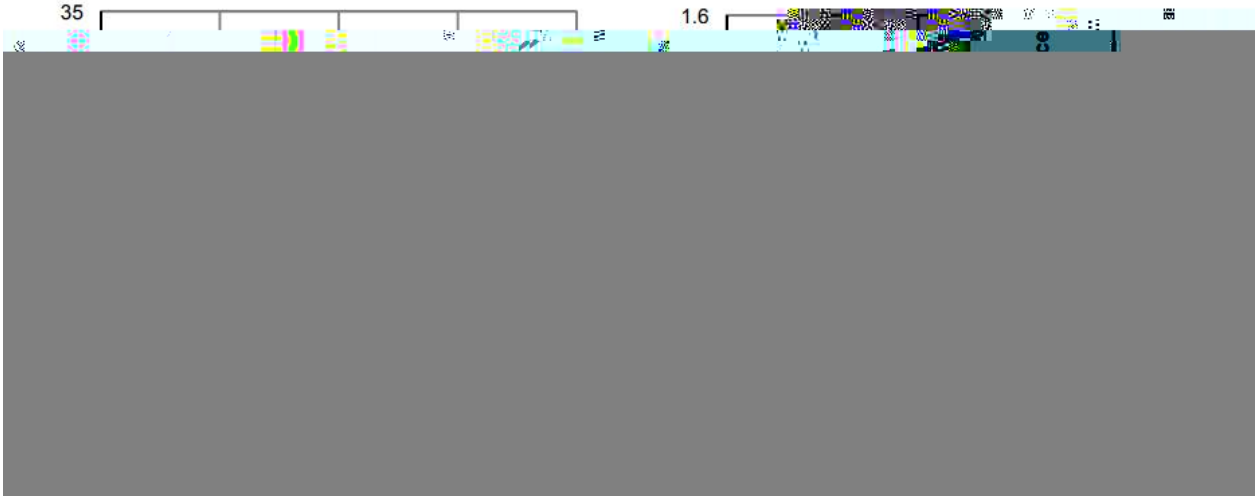

2020.05.07

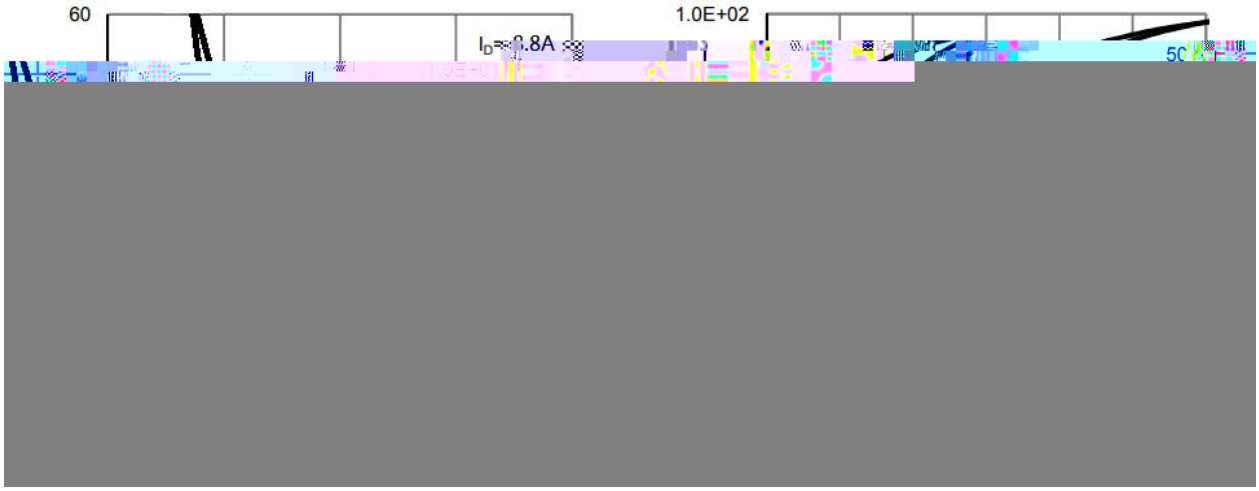
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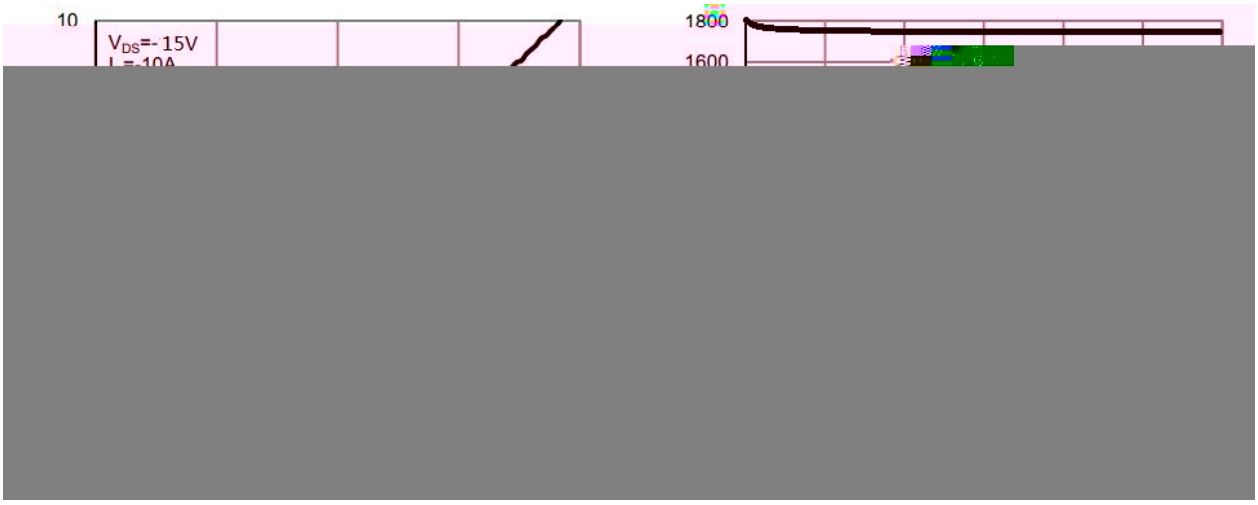
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DSS}	-30	V
Gate-Source Voltage	V_{GSS}	±20	V
Continuous Drain Current	I_D (T_a=25°C)	-19	A
Continuous Drain Current	I_D (T_a=70°C)	-14	A
Pulsed Drain Current	I_{DM}	-56	A
Avalanche energy L=0.5mH	E_{AS}	170	mJ
Power Dissipation for Single Operation	P_D (T_a=25℃)	13	W
Power Dissipation for Single Operation	P_D (T_a=100℃)	5.2	W

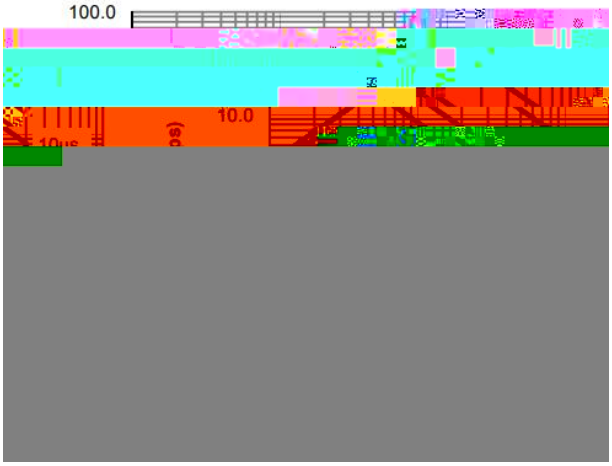

50

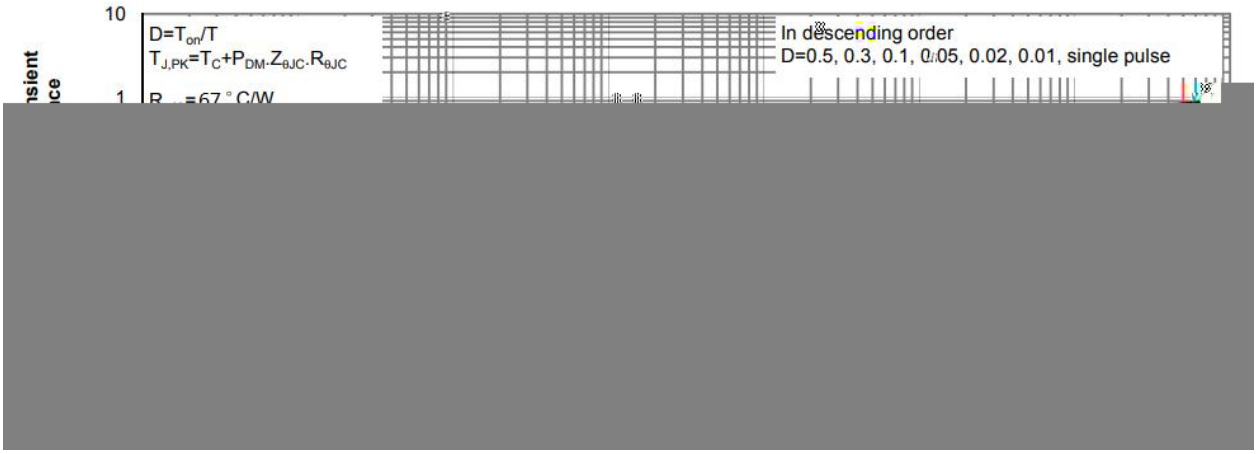

35
1.6

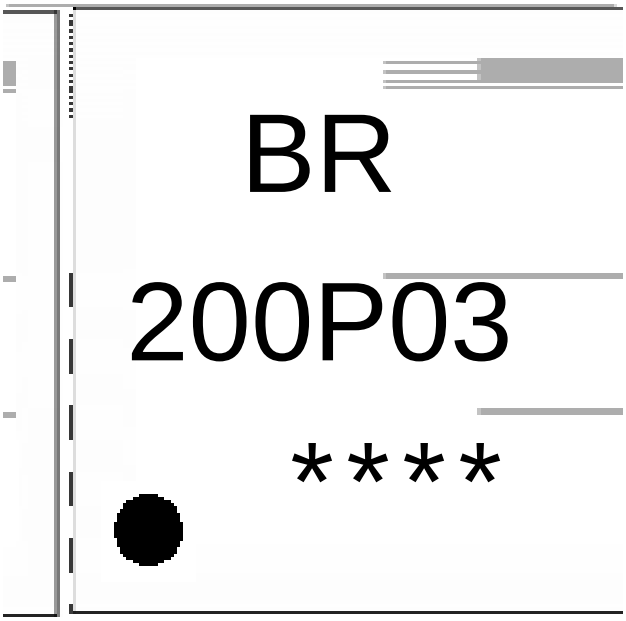

60
1.0E+02

/


10
V_{DS}=- 15V
1800
1600


100.0
10.0


10
D=T_{on}/T
$T_{J,PK}$=T_C+P_{DM}.$Z_{\theta JC}$.$R_{\theta JC}$
In descending order
D=0.5, 0.3, 0.1, 0.05, 0.02, 0.01, single pulse



BR

200P03

****

Note:

BR:	Company Code.
200P03:	Product Type
****:	Lot No. Code, code change with Lot No

Temperature Profile for IR Reflow Soldering(Pb-Free)



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