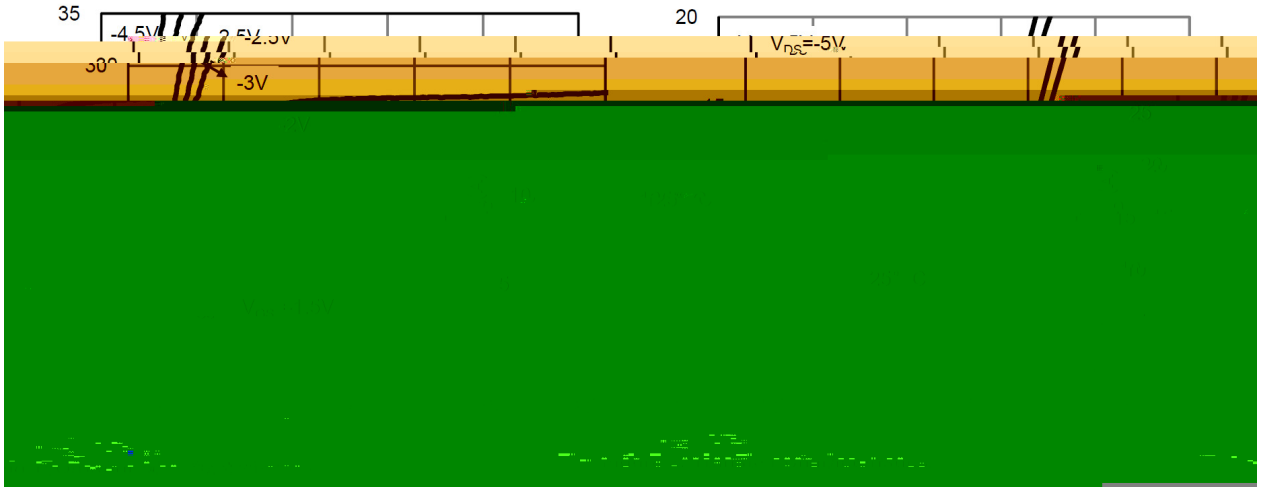
BRCS200P02MC

Rev.C Jun.-2026

Parameter		N Symbol	Rating	Unit
Drain-Source Voltage		V_{DSS}	-20	V
Gate-Source Voltage		V_{GSS}	±12	V
Continuous Drain Current		I_D	-7.0	A
Pulsed Drain Current		I_{DM}	-30	A
Power Dissipation for Single Operation		P_D	1.25	W
Maximum Junction Temperature		T_j	150	
Storage Temperature Range		T_{stg}	-55 150	
Thermal Resistance-Junction to Ambient	t 10s	$R_{\theta JA}$	100	/W

/ Electrical Characteristic Curve



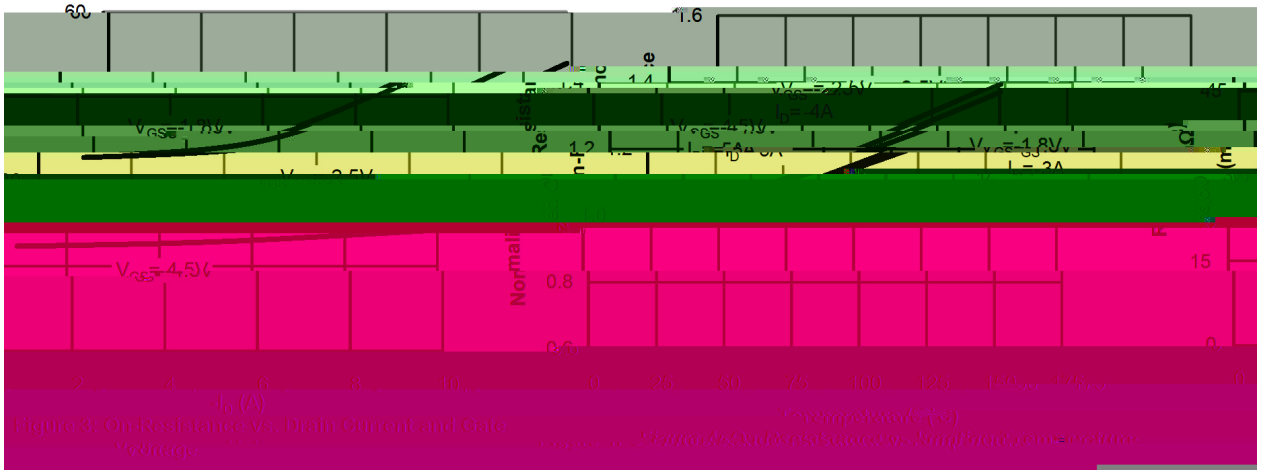
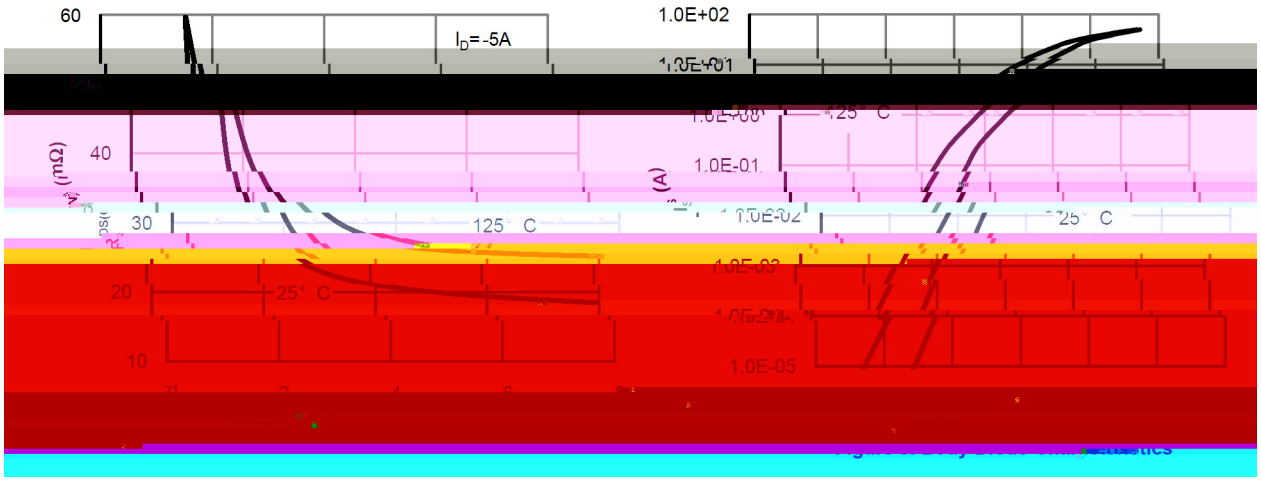
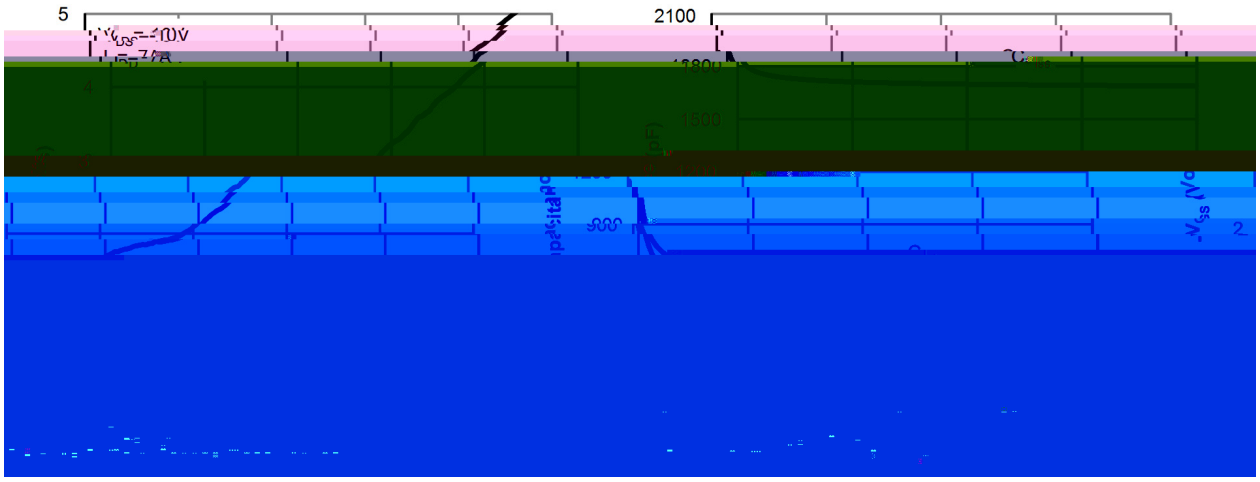


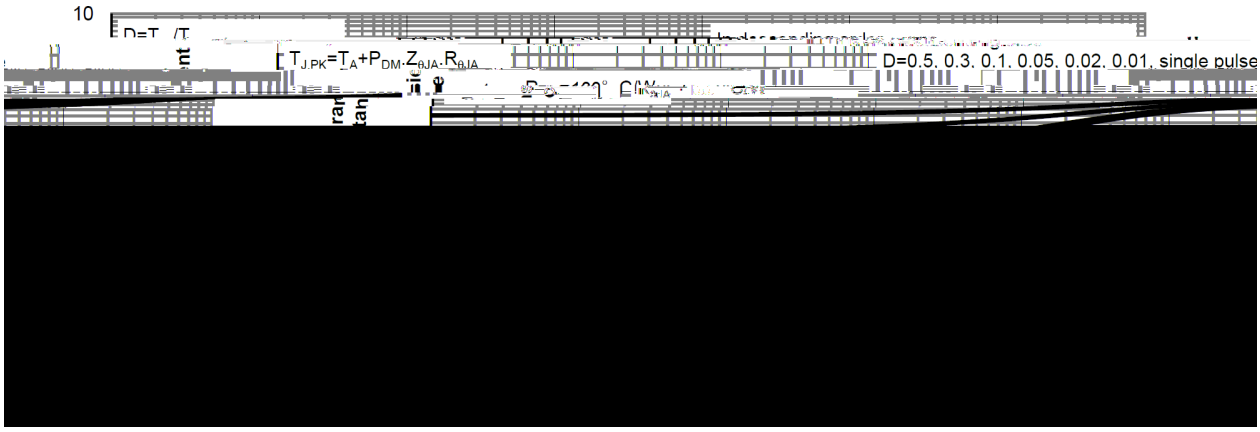
Figure 8. On-Resistance vs. Drain Current and Gate Voltage



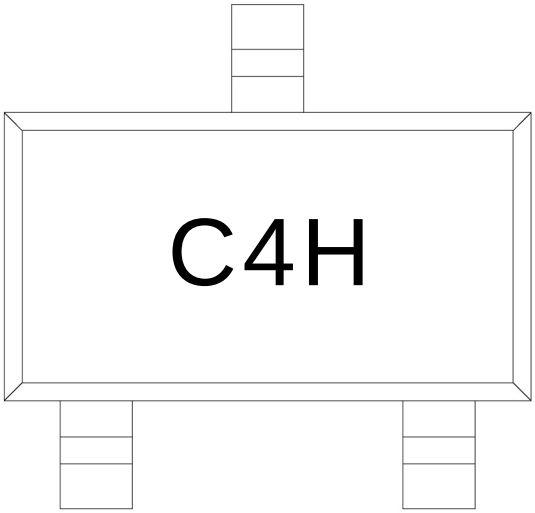
/ Electrical Characteristic Curve







/ Marking Instructions



C4	N
H	И

Note:

C4: Product Type Code

H: Company Code

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

Note:

1 150 180 60 90sec;

2 245±5 5±0.5sec;

3

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

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