



# BRCS200P02MC

Rev.C Jun.-2026



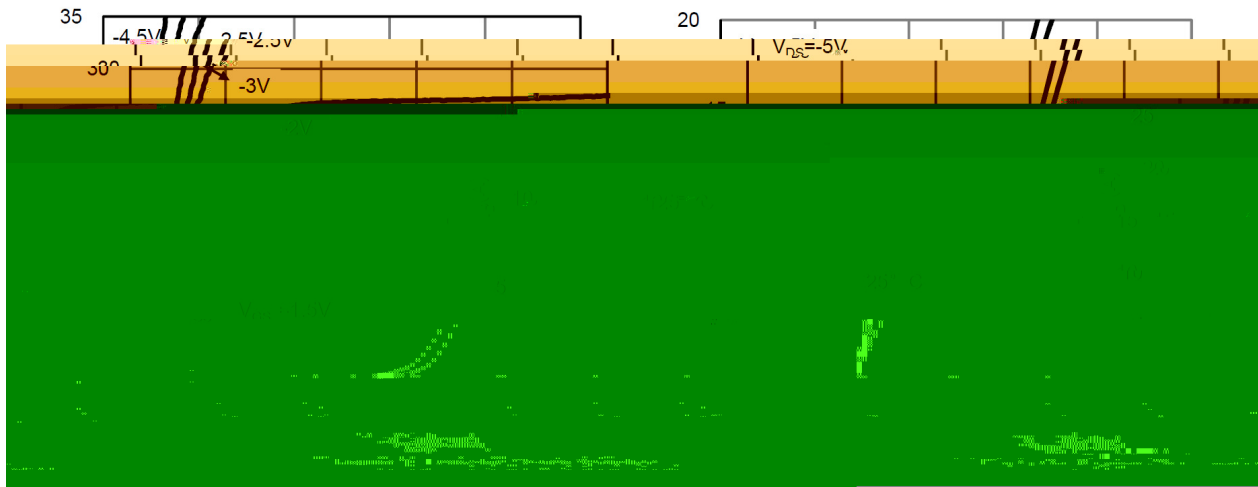
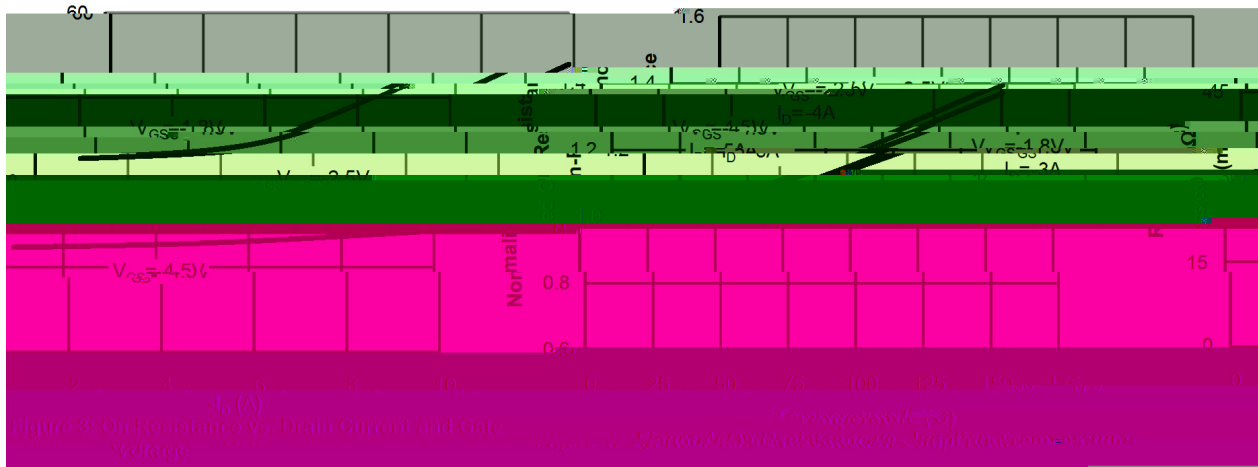
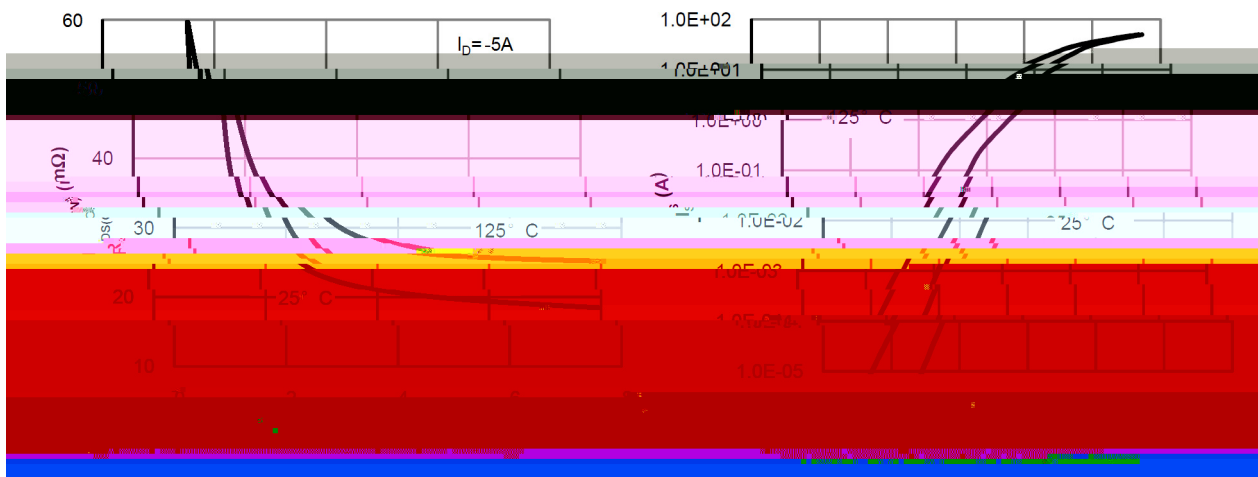
蓝箭电子  
BLUE ROCKET ELECTRONICS

## DATA SHEET

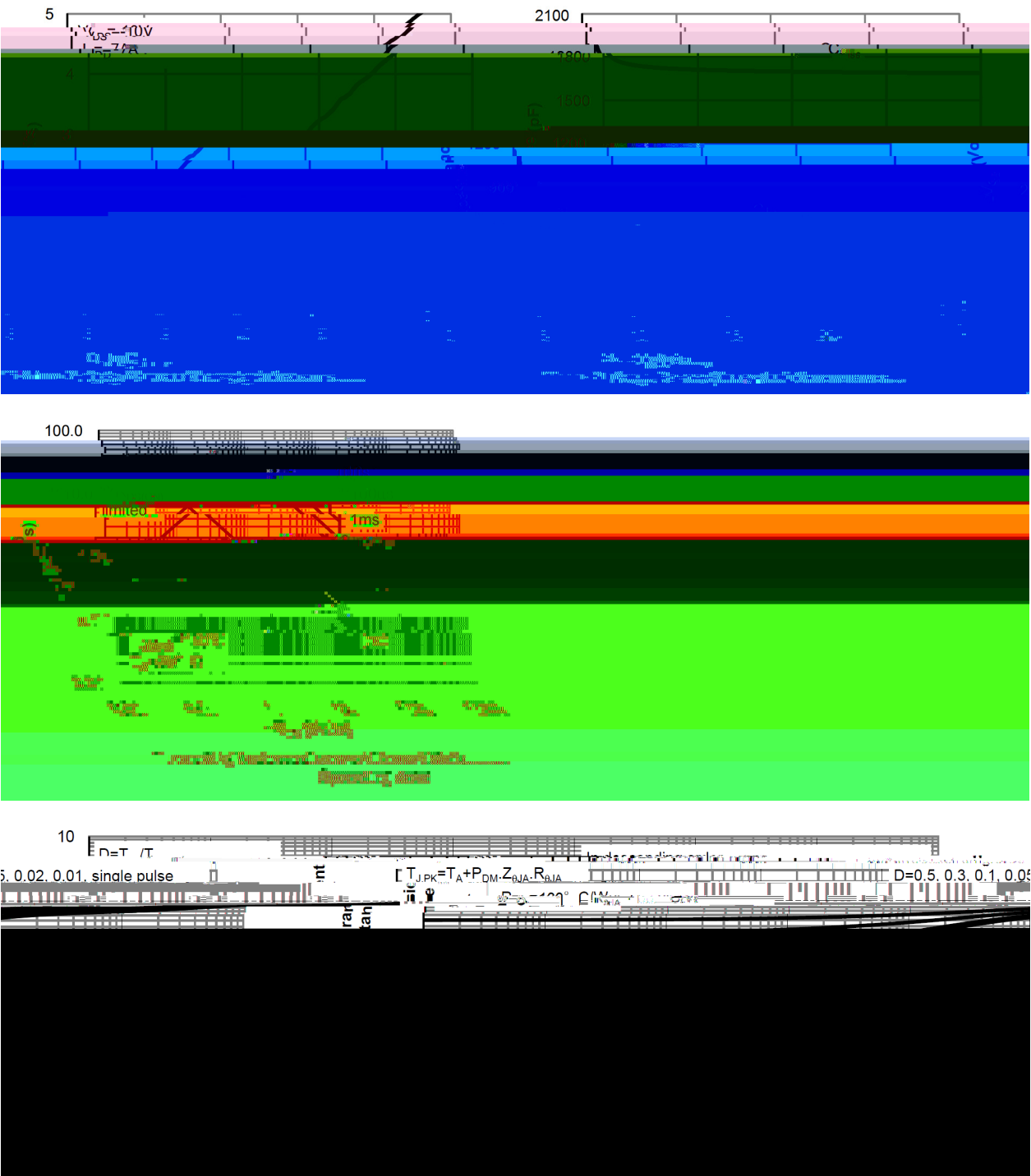
| Parameter                                 |       | N<br>Symbol     | Rating   | Unit |
|-------------------------------------------|-------|-----------------|----------|------|
| Drain-Source Voltage                      |       | $V_{DSS}$       | -20      | V    |
| Gate-Source Voltage                       |       | $V_{GSS}$       | $\pm 12$ | 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<br>to Ambient | t 10s | $R_{\theta JA}$ | 100      | /W   |



/ Electrical Characteristic Curve

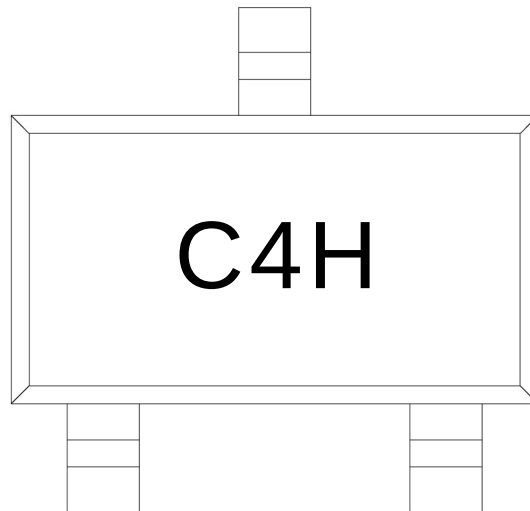


/ Electrical Characteristic Curve





## / Marking Instructions



|    |   |
|----|---|
| C4 | N |
| H  | H |

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.