

BRCS1C0P06MFQ

Rev.C Aug.-2025



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

SOT23-6 P

P- CHANNEL MOSFET in a SOT23 -6 Plastic Package.

$V_{DS}=-60V$; $I_D=-3A$

$R_{DS(on)1}@-10V \leq 100m\Omega$ (Type.83m Ω)

$R_{DS(on)2}@-4.5V \leq 130m\Omega$ (Type.100m Ω)

BRCS1C0P06MFQ

Rev.C Aug.-2025



蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

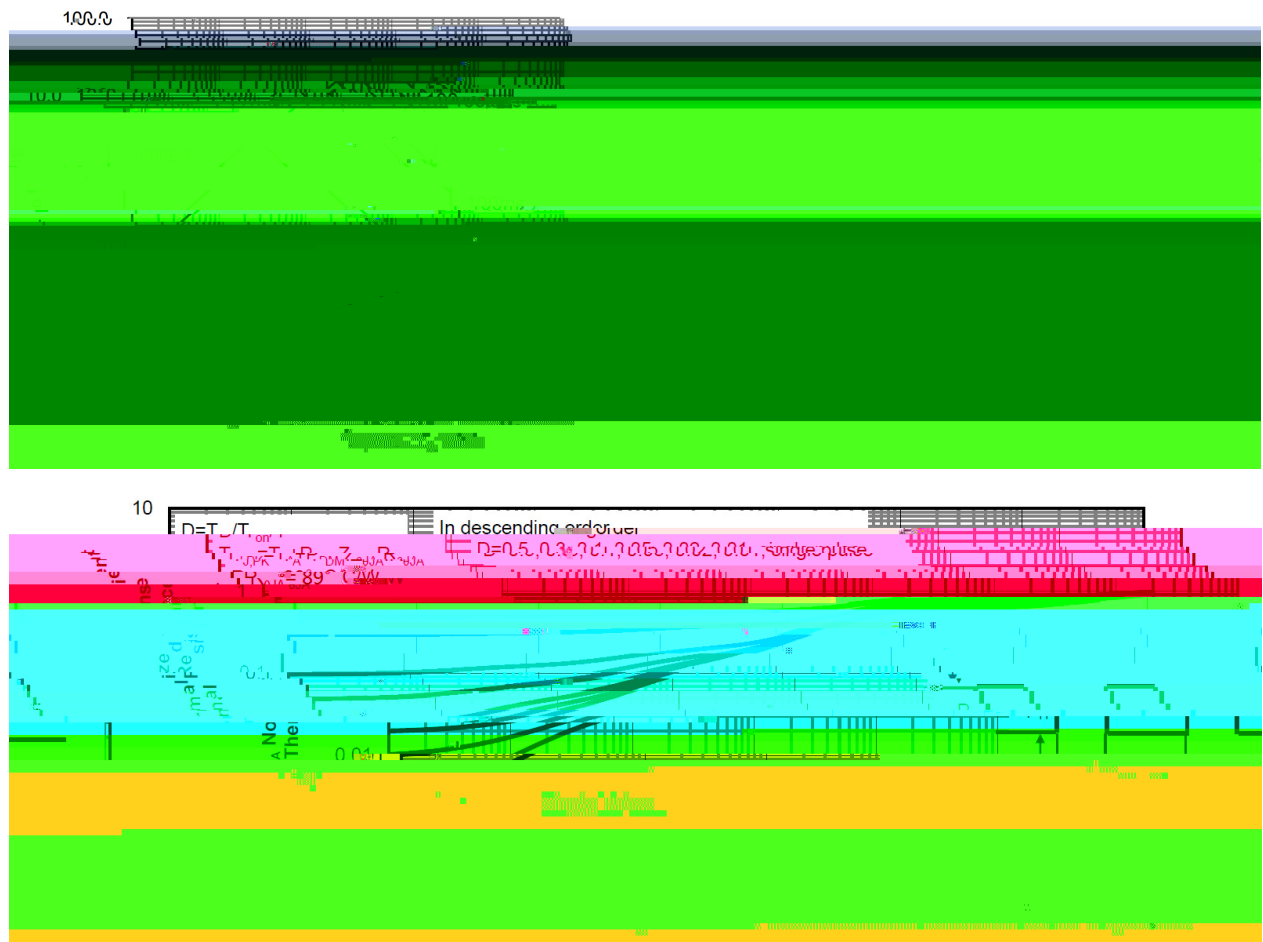
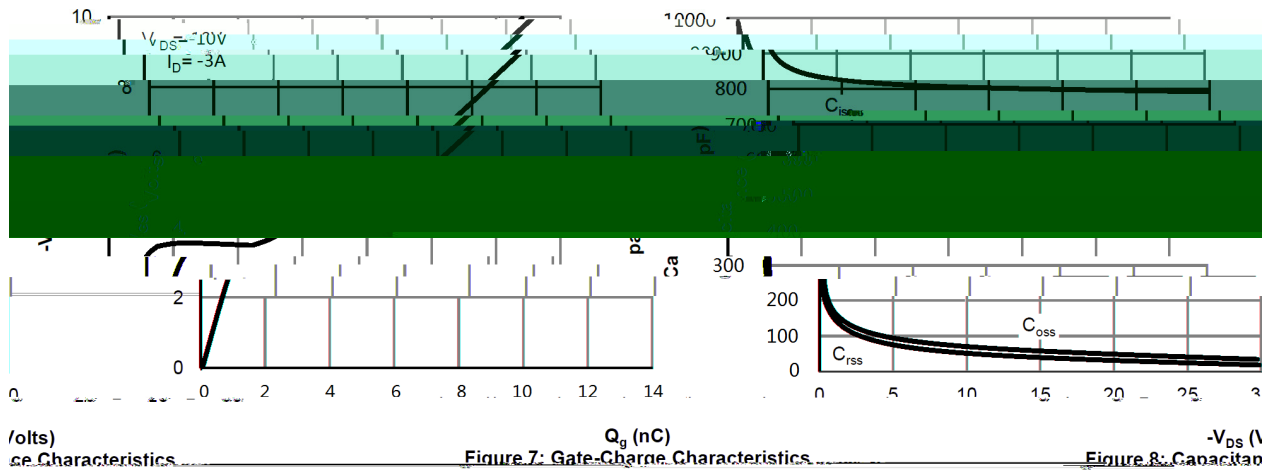
Parameter	Symbol	Rating	Unit
Drain–Source Voltage	V_{DSS}	-60	V
Gate–Body Leakage Voltage	V_{GSS}	± 20	V
Drain Current – Continuous	I_D	-3	A
Pulsed Drain Current	I_{DM}	-16	A
Power Dissipation	P_D	1.4	W
Operating and Storage Temperature Range Maximum Junction-to-Ambient	T_J, T_{STG} R	-55 150	

BRCS1C0P06MFQ

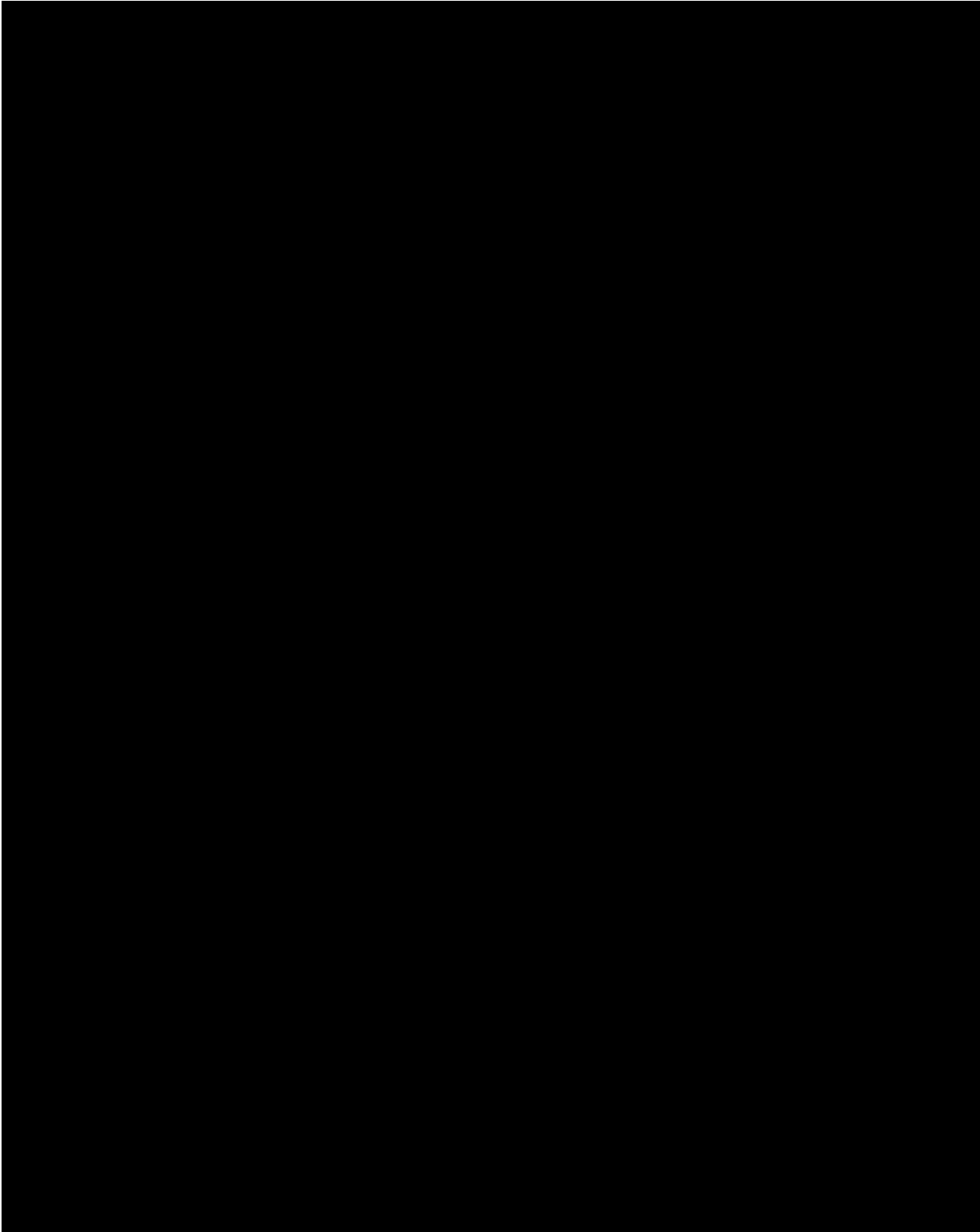
Rev.C Aug.-2025

DATA SHEET

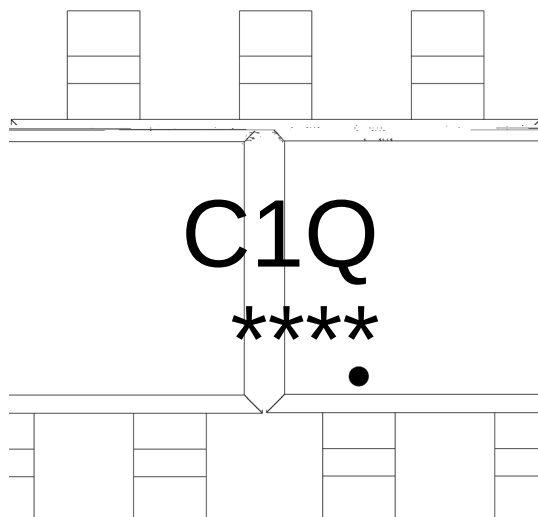
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



Q

C1:

Note:

Q: Automobile halogen-free product Code

C1: Product Type Code

***** Lot No. Code, code change with Lot No.

BRCS1C0P06MFQ

Rev.C Aug.-2025