

# BRCS1C0P06MFQ

Rev.C Aug.-2025



DATA SHEET

SOT23-6 P

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

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

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

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

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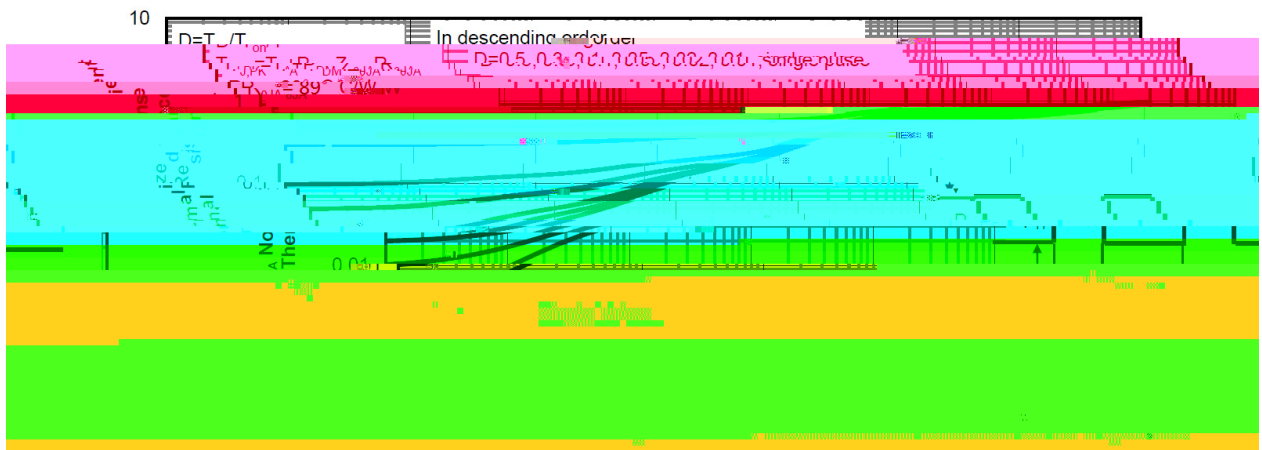
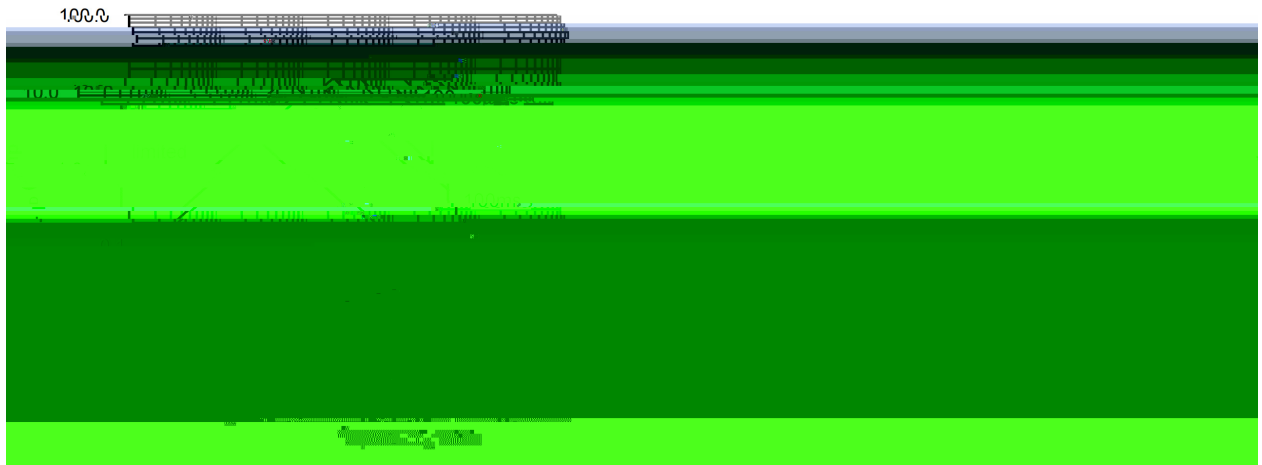
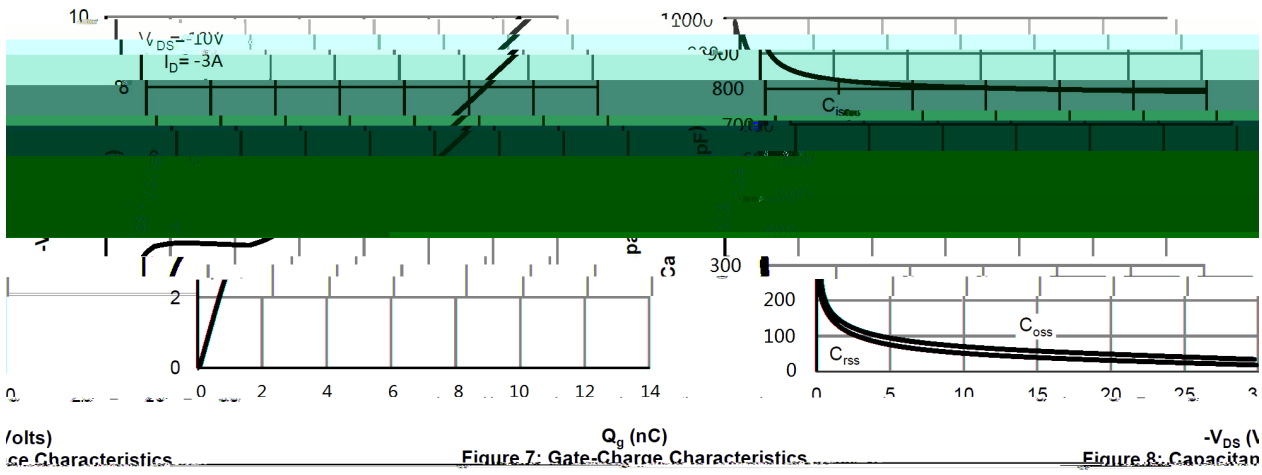
Parameter	Symbol	Rating	Unit
Drain–Source Voltage	$V_{DSS}$	-60	V
Gate–Body Leakage Voltage	$V_{GSS}$	$\pm 20$	V
Drain Current – Continuous	$I_D$	-3	A
Pulsed Drain Current	$I_{DM}$	-16	A
Power Dissipation	$P_D$	1.4	W
Operating and Storage Temperature Range Maximum Junction-to-Ambient	$T_J, T_{STG}$ R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

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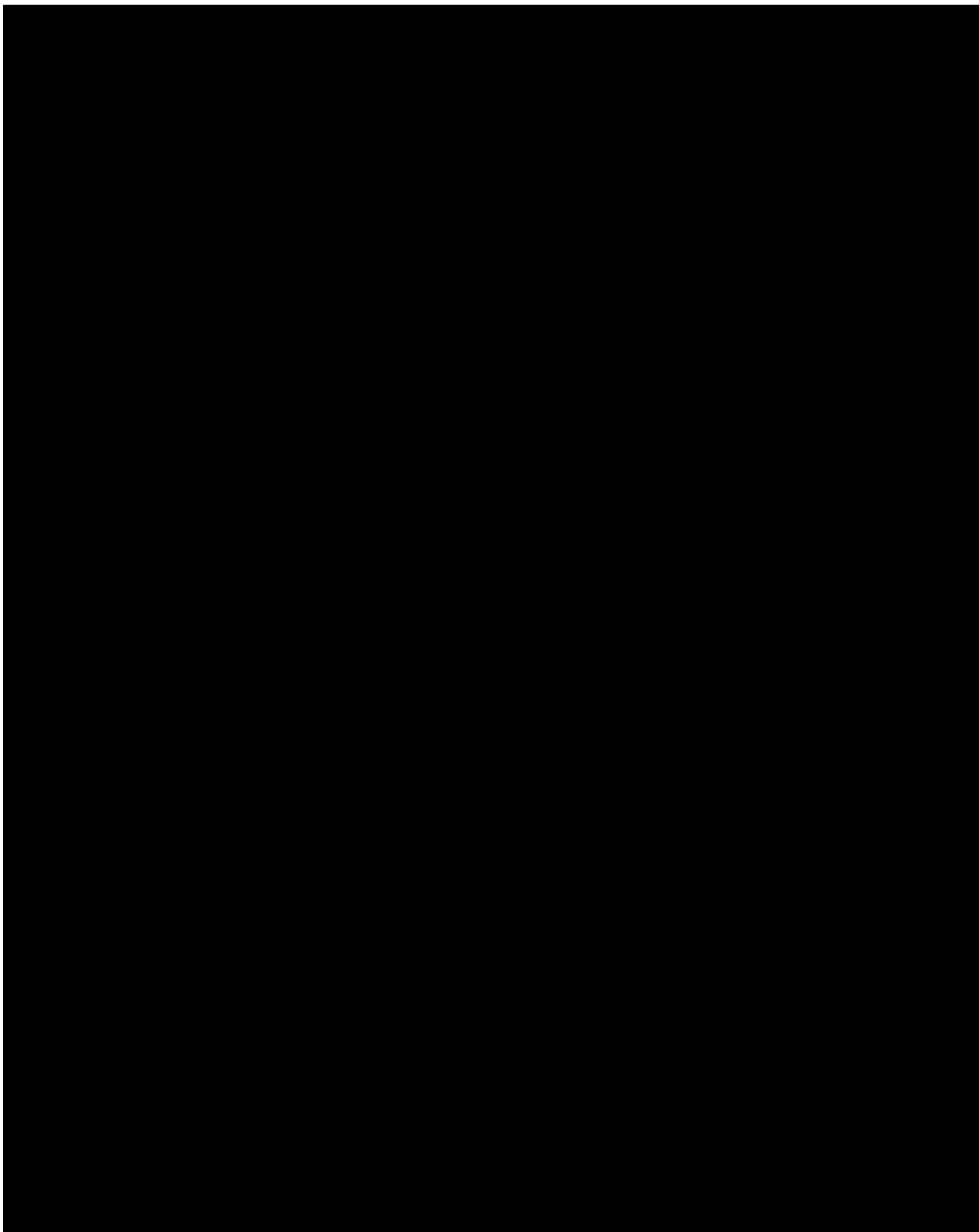
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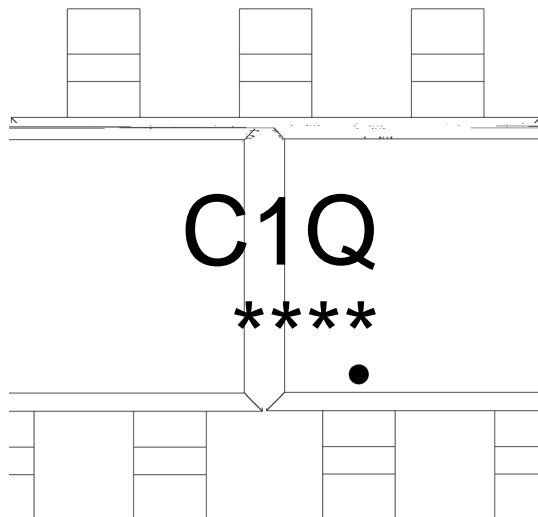
**/ Electrical Characteristic Curve**



**/ 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.

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