

# BRCS200P016YN

Rev.B Aug.-2025

## / Descriptions

DFN 2× 2C-6L P+P MOS

Double P+P-CHANNEL MOSFET in a DFN2× 2C-6L Plastic Package.

## / Features

$V_{DS(V)}=-16V$   $I_D=-7.8A$

$R_{DS(ON)}@-4.5V(Typ.)=16.7m$

$R_{DS(ON)}@-2.5V(Typ.)=22.5m$

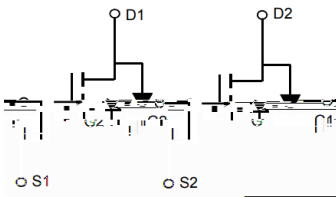
$R_{DS(ON)}@-1.8V(Typ.)=32.5m$

HF Product.

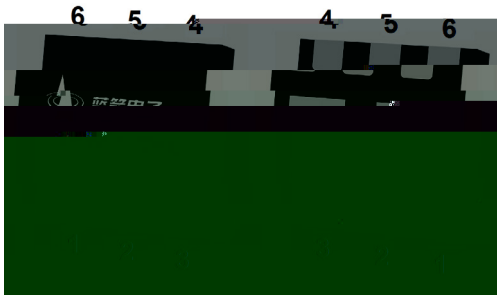
## / Applications

Load Switch, Battery Switch for Portable Devices, High-Speed Line Driver.

## / Equivalent Circuit



## / Pinning



出脚	定义
PIN 1	S1
PIN 2	G1
PIN 3	D2
PIN 4	S2
PIN 5	G2
PIN 6	D1

## / Marking

See Marking Instructions.

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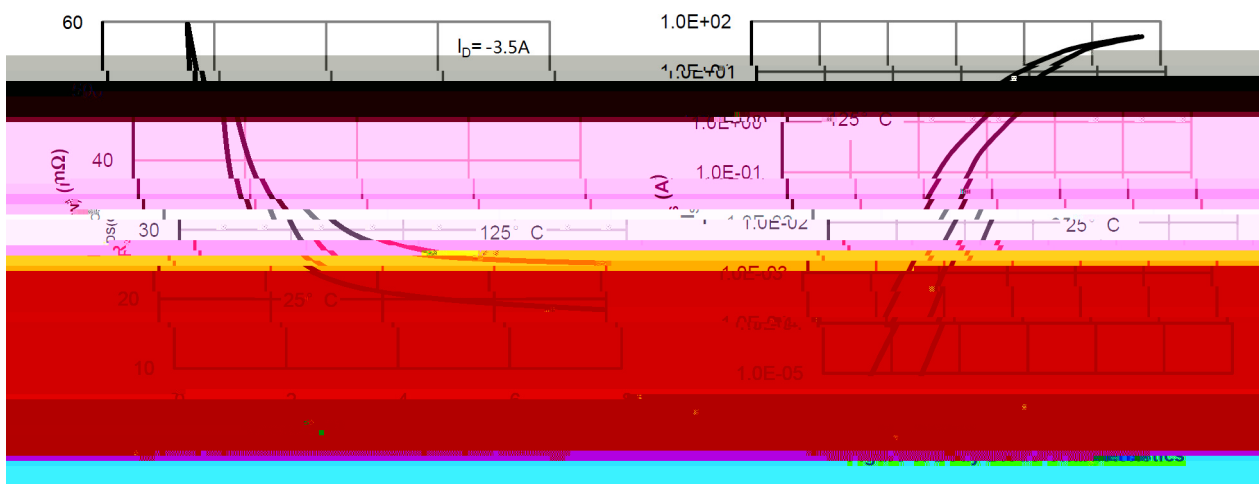
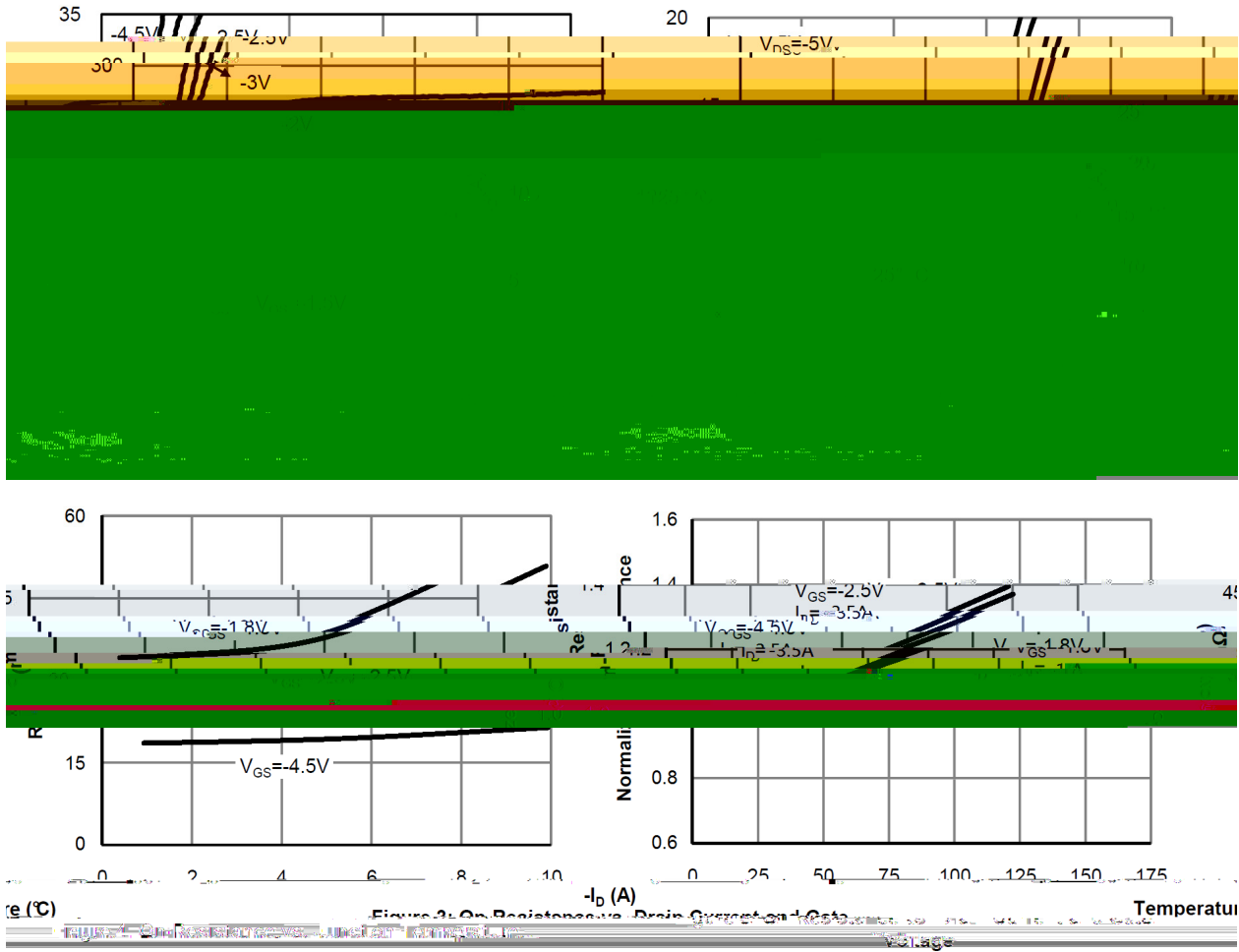
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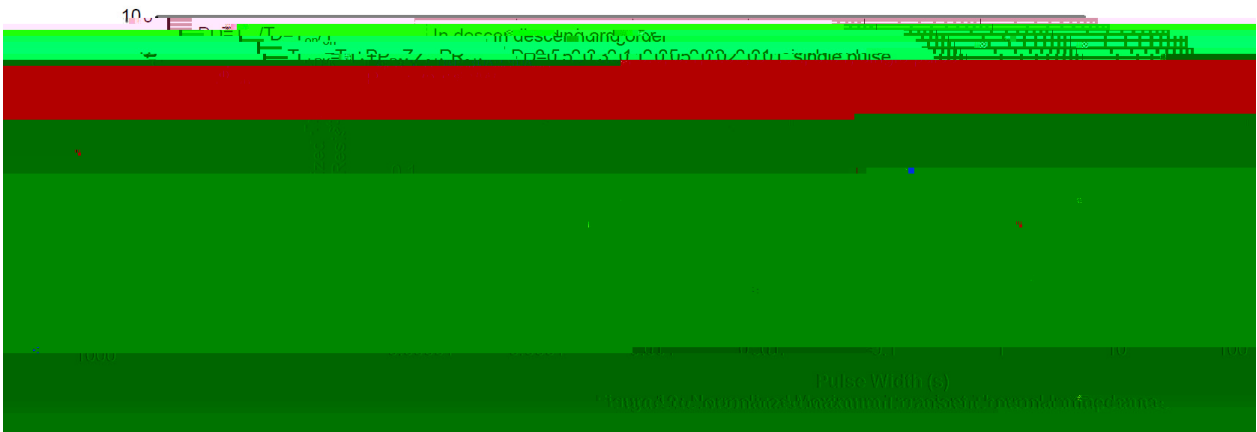
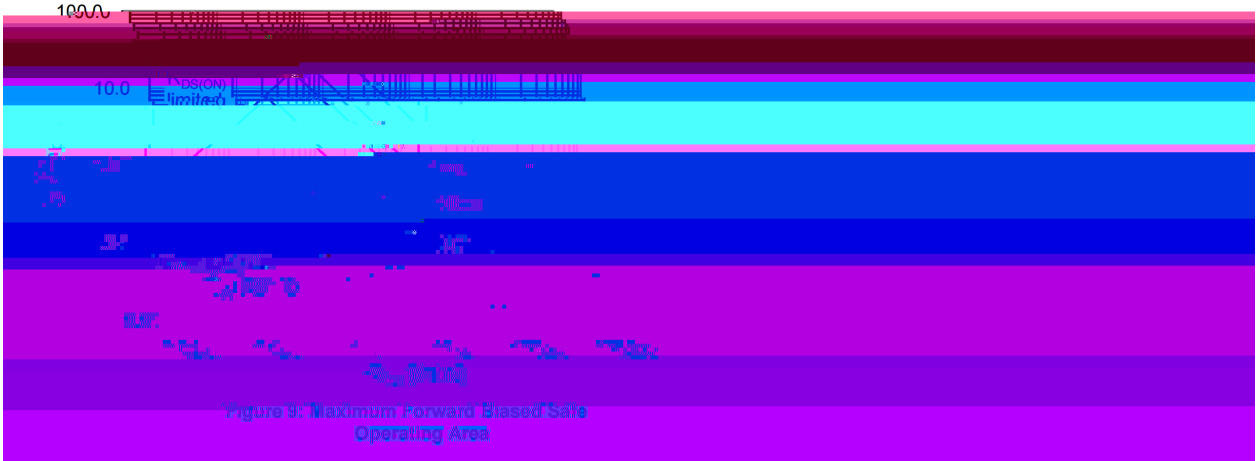
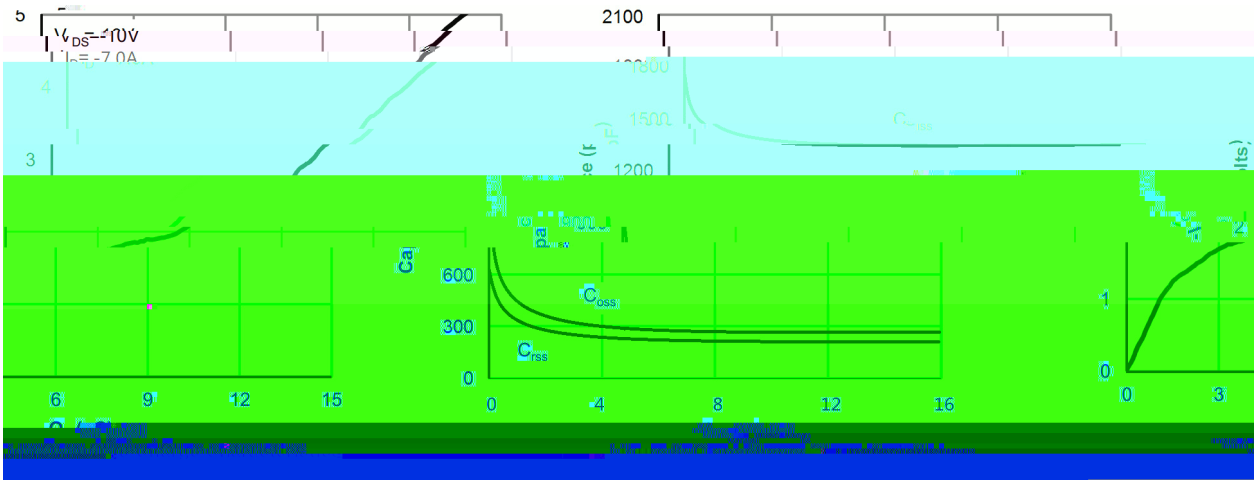
DATA SHEET

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DSS}$	-16	V
Gate-Source Voltage	$V_{GSS}$	$\pm 12$	V
Continuous Drain Current	$I_D$	-7.8	A
Pulsed Drain Current	$I_{DM}$	-30.5	A
Power Dissipation	$P_D$	1.7	W
Junction and Storage Temperature Range	$T_J, T_{STG}$	-55 to +150	
Maximum Junction-to-Ambient	$R_{JA}$	73.5	/W

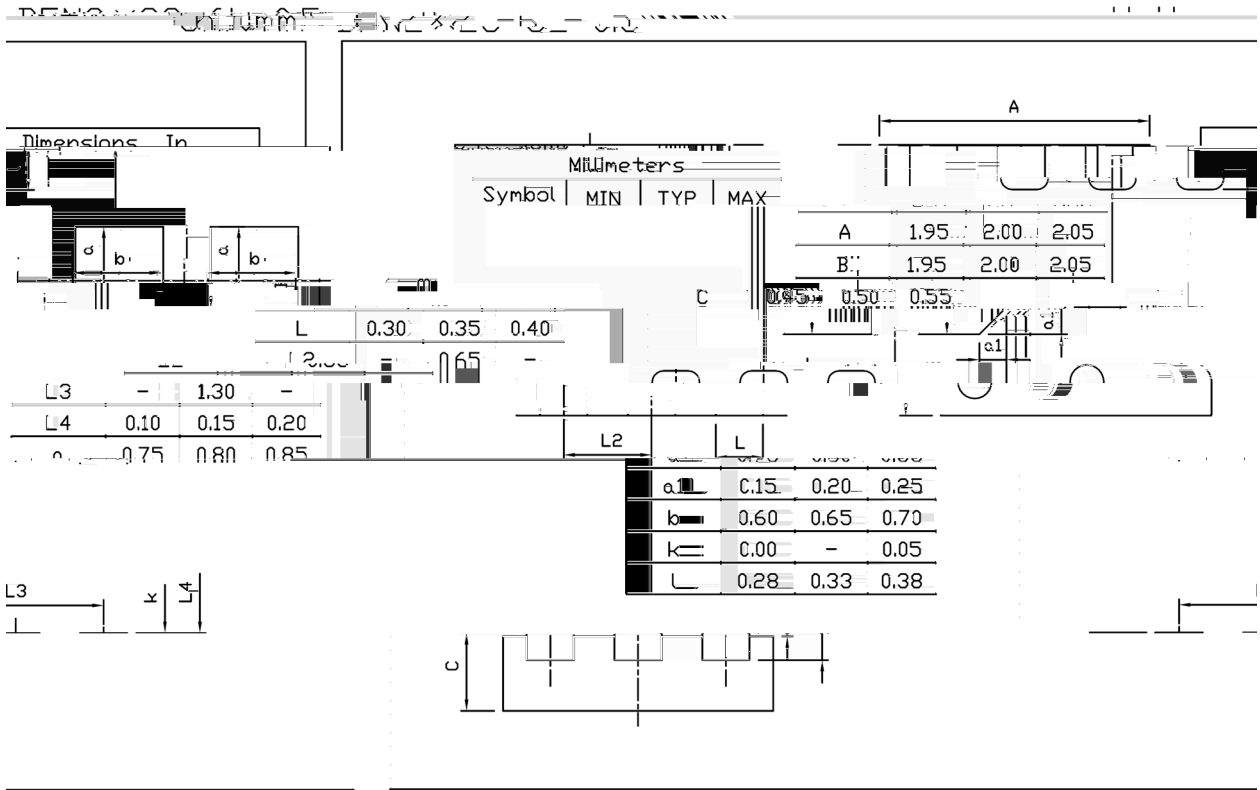
/ Electrical Characteristic Curve



**/ Electrical Characteristic Curve**

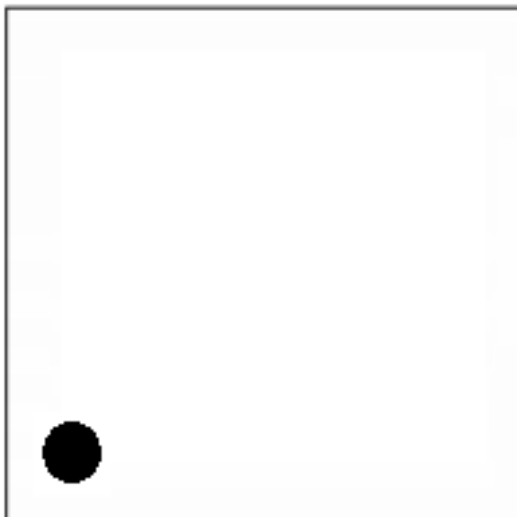


**/ Package Dimensions**



Rev.00 202204

**/ Marking Instructions**



BR

200P016

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Note:

BR: Company Code

200P016: Product Type Code

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

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**DATA SHEET**