/ Revised record

A	2022.1.13	ALL	AOS-AOD66616		

BRCS035N06SDP

Rev.A Jan.-2022

DATA SHEET

/ Descriptions

TO-252 N

N-CHANNEL MOSFET in a TO-252 Plastic Package.

/ Features

$R_{DS(on)}$ C_{rss}

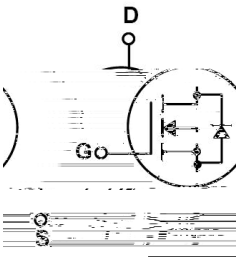
Low $R_{DS(on)}$,low gate charge, low C_{rss}, fast switching, Halogen-free Product.

/ Applications

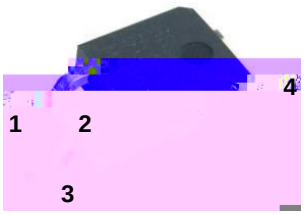
DC/DC

Suited for low voltage applications such as automotive, DC/DC Converters, and high efficiency switching for power management in portable and battery operated products.

/ Equivalent Circuit



/ Pinning



PIN1 G PIN 2 D PIN 3 S PIN 4 D

/ h_{FE} Classifications & Marking

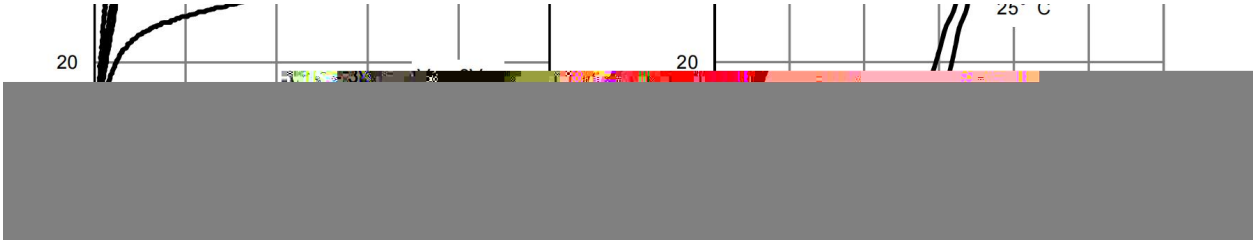
See Marking Instructions.

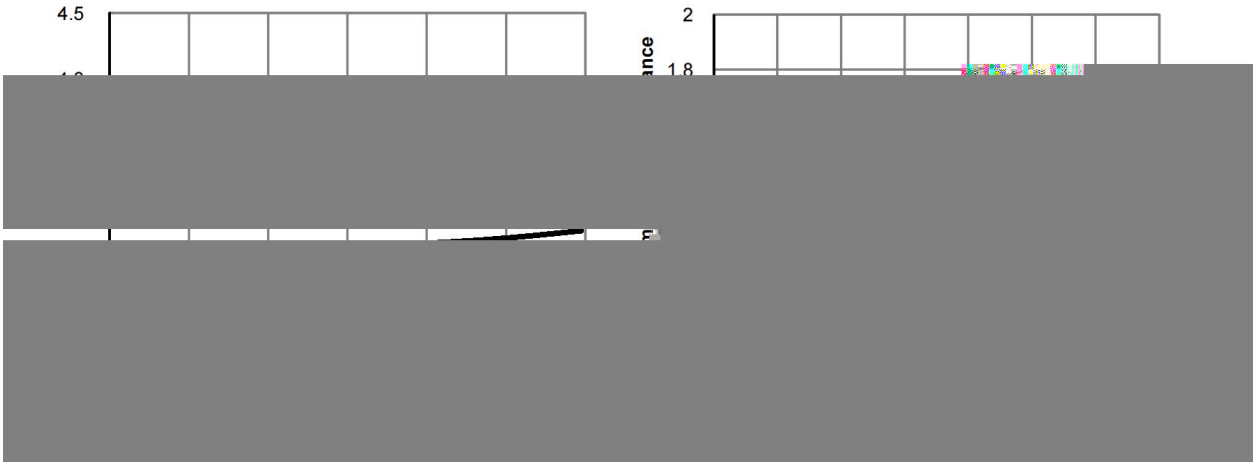
BRCS035N06SDP

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BRCS0

/ Electrical Characteristic Curve



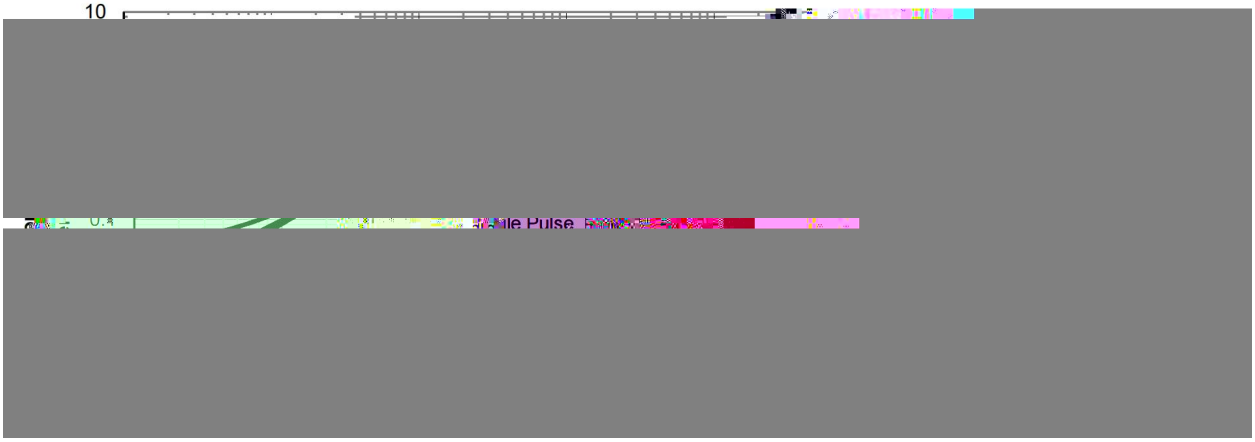




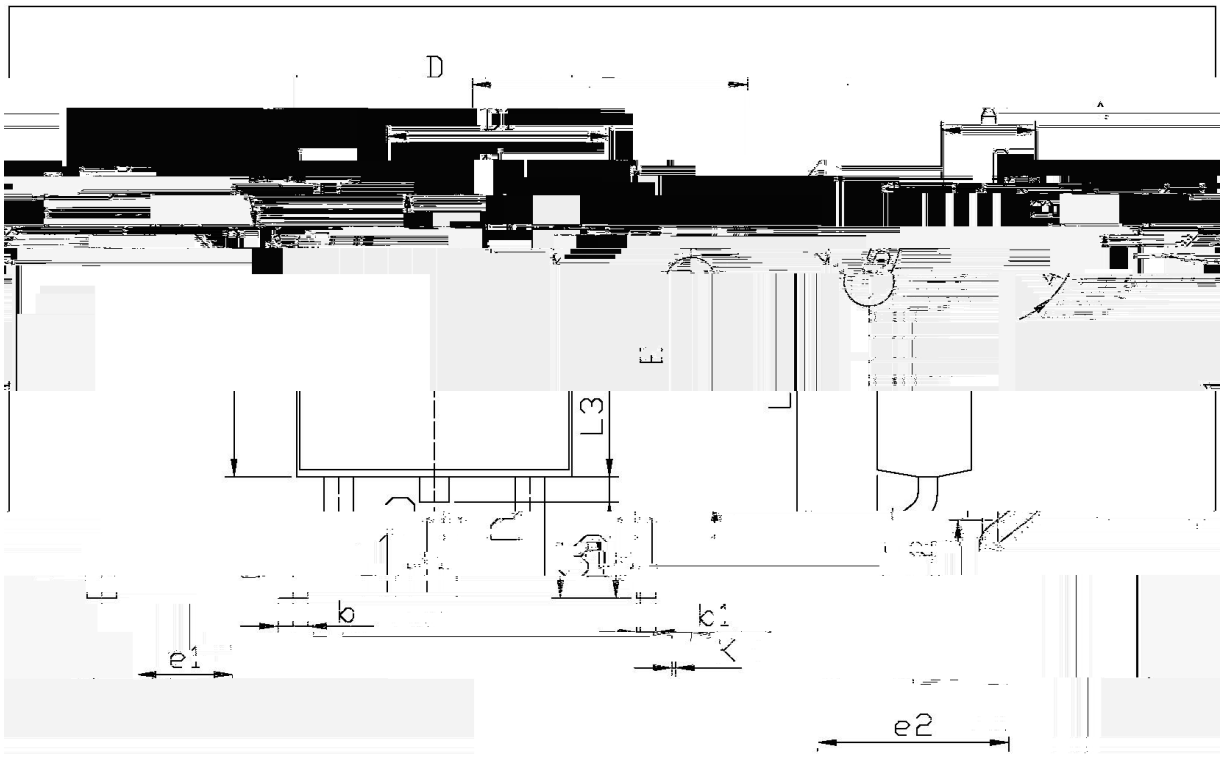
/ Electrical Characteristic Curve





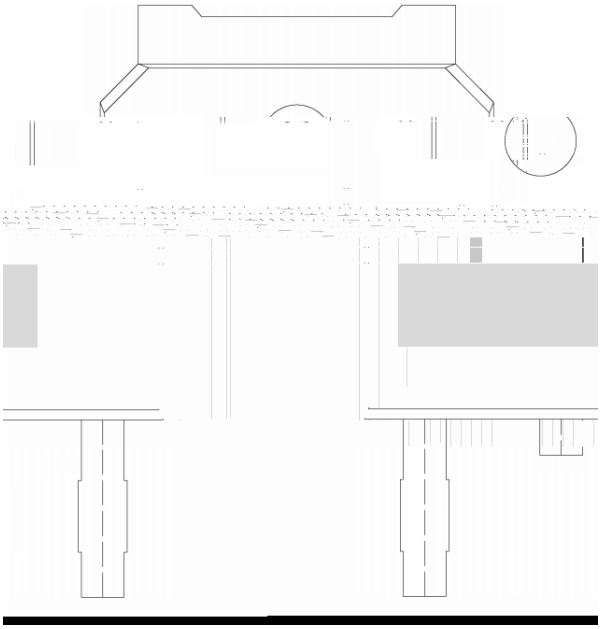


/ Package Dimensions





/ Marking Instructions



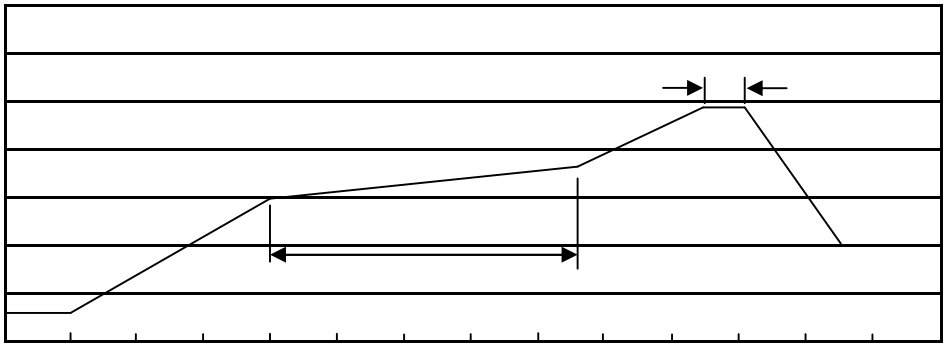
说明：

BR：	为公司代码
035N06S：	为型号代码
****：R	为生产批号代码，随生产批号变化。

Note:

BR:	Company Code
035N06S:	Product Type Code.

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



		Note:
1	150 180 60 90sec;	1.Preheating:150~180 , Time:60~90sec.
2	245 5 5 0.5sec;	2.Peak Temp.:245 5 , Duration:5 0.5sec.
3	2 10 /sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260 5	10 1 sec.	Temp.:260±5℃	Time:10±1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
							盒	箱
						〃		

/ TUBE

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm^3)		
						套管	盒	箱

/ Notices