

修订记录 / Revised record

版本	修订日期	有修订的页码	修订涉及的内容	拟制	审核
A	2020.08.04	All	基于 BRCS120N03ZB 规格书 , 参考 AON2420 规格书制作	庞隆基	陈逸晞
B	2020.09.15		RDSON 测试条件从原来的 10V/20A,4.5V/10A 改为 10V/8A,4.5V/6A	庞隆基	陈逸晞
C	2021-12-1	8	3000 一盘改为 4000 一盘	黄超	庞隆基



描述 / Descriptions

塑封封装 沟道 场效应管。

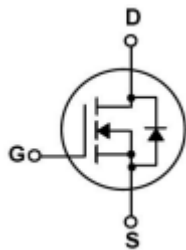
特征 / Features

无卤产品。

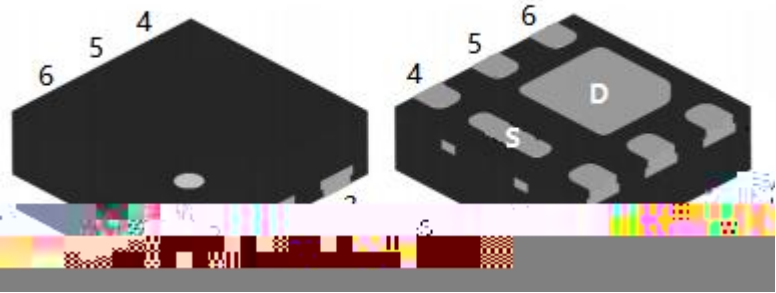
用途 / Applications

用于低压电路如：汽车电路、 转换、便携式产品的电源高效转换。

内部等效电路 / Equivalent Circuit



引脚排列 / Pinning



出脚	定义
Pin1	D
Pin2	D
Pin3	G
Pin4	S
Pin5	D
Pin6	D

放大及印章代码 / hFE Classifications & Marking

见印章说明。

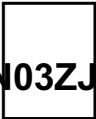


极限参数 / Absolute Maximum Ratings(Ta=25°C)

电性能参数 / Electrical Characteristics(Ta=25℃)

A complex geometric pattern composed of numerous overlapping squares and rectangles of various sizes, all defined by thin black outlines. The shapes are arranged in a way that creates a dense, layered effect, reminiscent of a stylized city map or a mathematical diagram. The pattern is set against a background of a light gray grid. The overall composition is abstract and non-representational, focusing on the interplay of geometric forms and lines.

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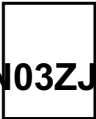


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BRCS120N03ZJ



DATA SHEET



电参数曲线图 / Electrical Characteristic Curve

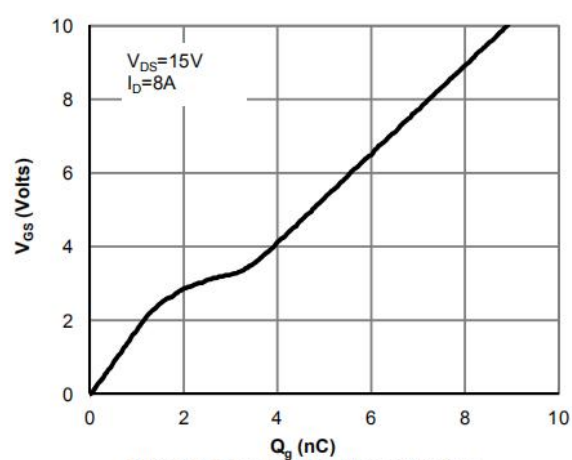
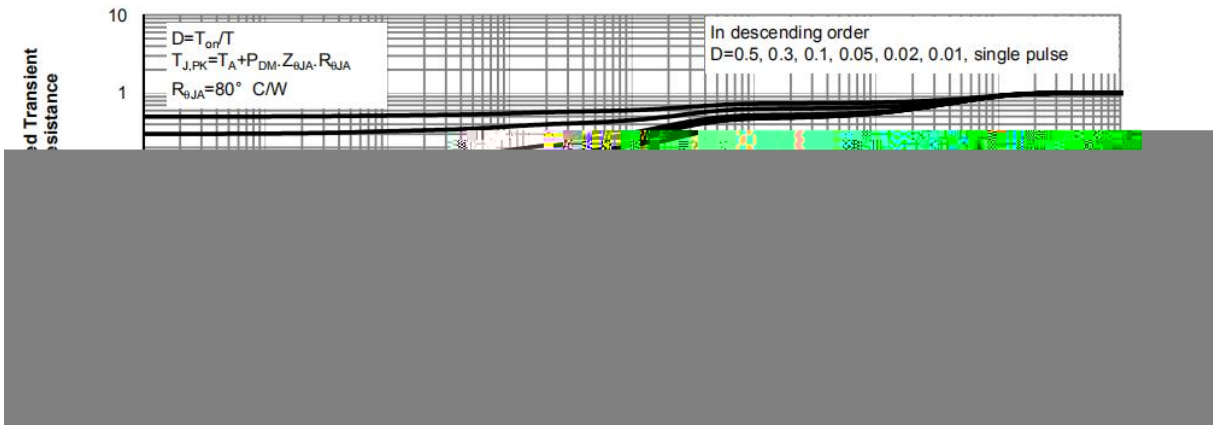
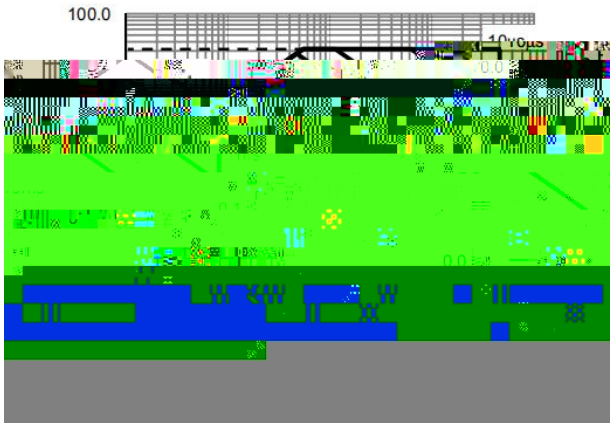
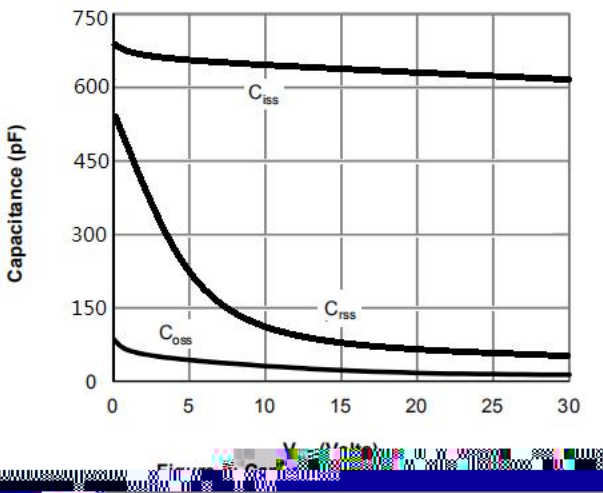


Figure 7: Gate-Charge Characteristics

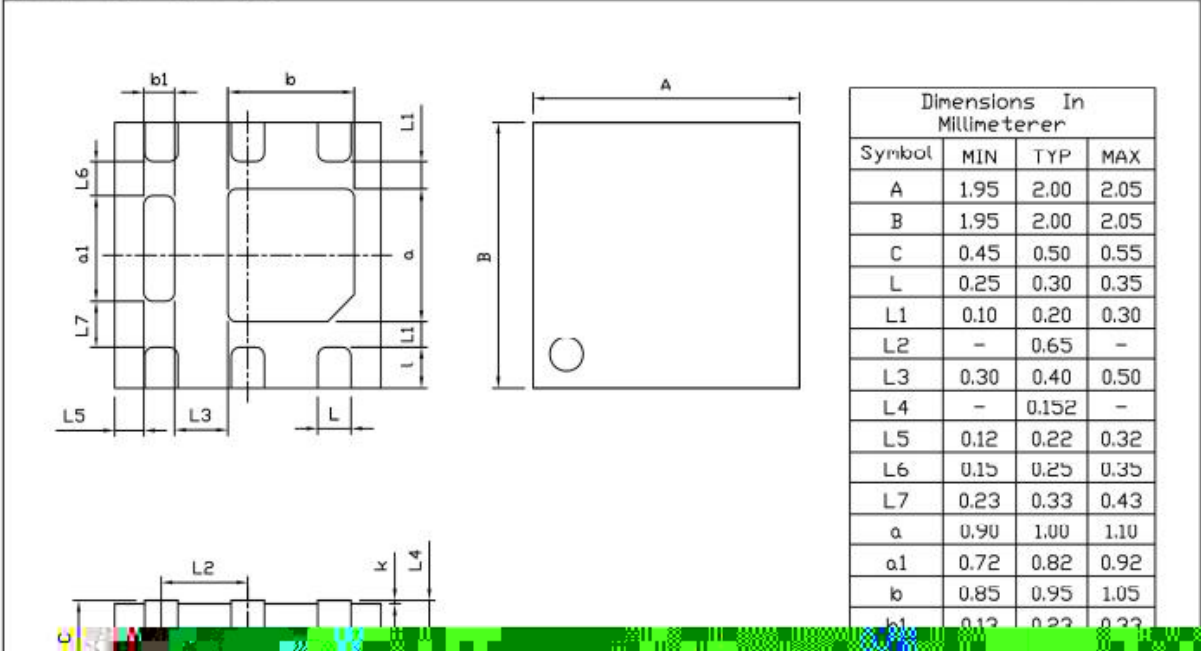


外形尺寸图 / Package Dimensions

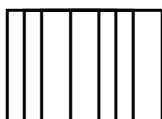
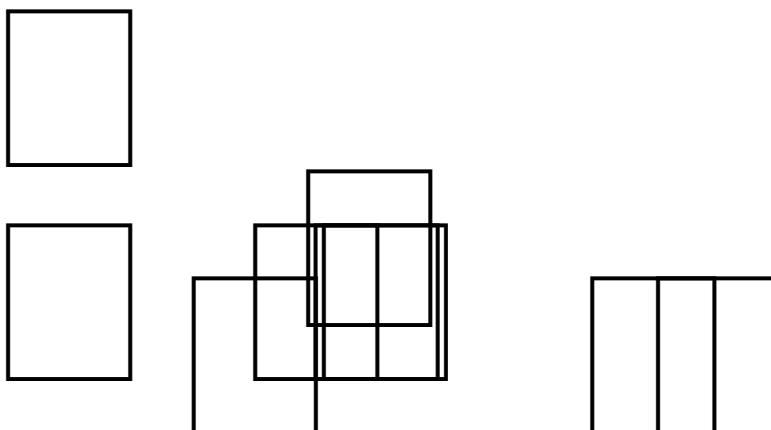
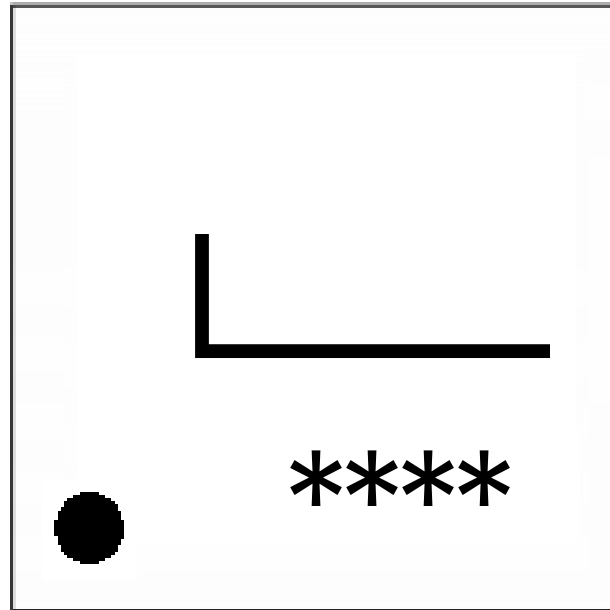
DFN2×2B-6L-0.5 外形尺寸图

DFN2×2B-6L-0.5

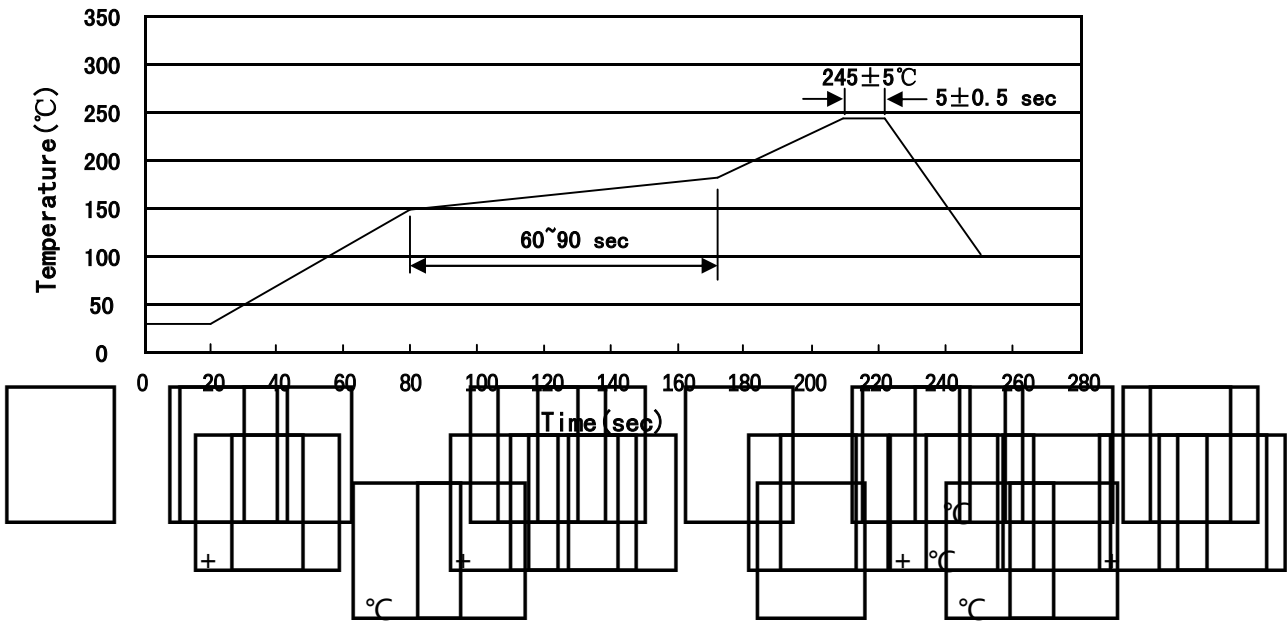
Unit:mm



印章说明 / Marking Instructions



回流焊温度曲线图(无铅) / Temperature Profile for IR Reflow Soldering(Pb-Free)



耐焊接热试验条件 / Resistance to Soldering Heat Test Conditions

± °C

+

°C

°C

包装规格 / Packaging SPEC.

	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box	Outer Box
DFN 2*2B-6L	4,000	10	40,000	4	160,000	7" ×8	210×205×205	445×230×435

使用说明 / Notices

