

**BRCS055N03YM**

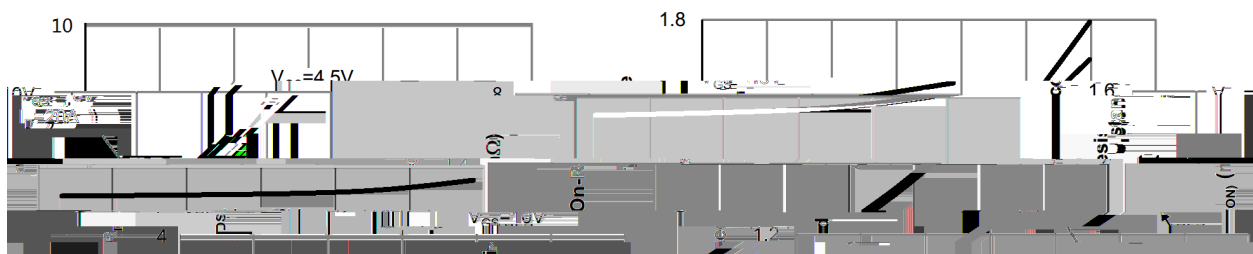
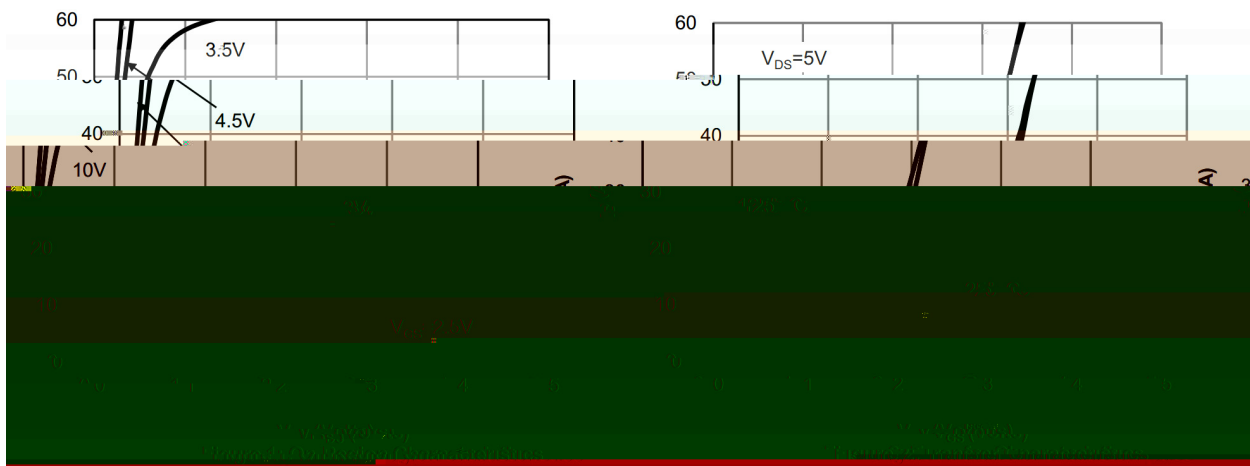
Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DSS}$	30	V

# BRCS055N03YM

Rev.B May.-2024

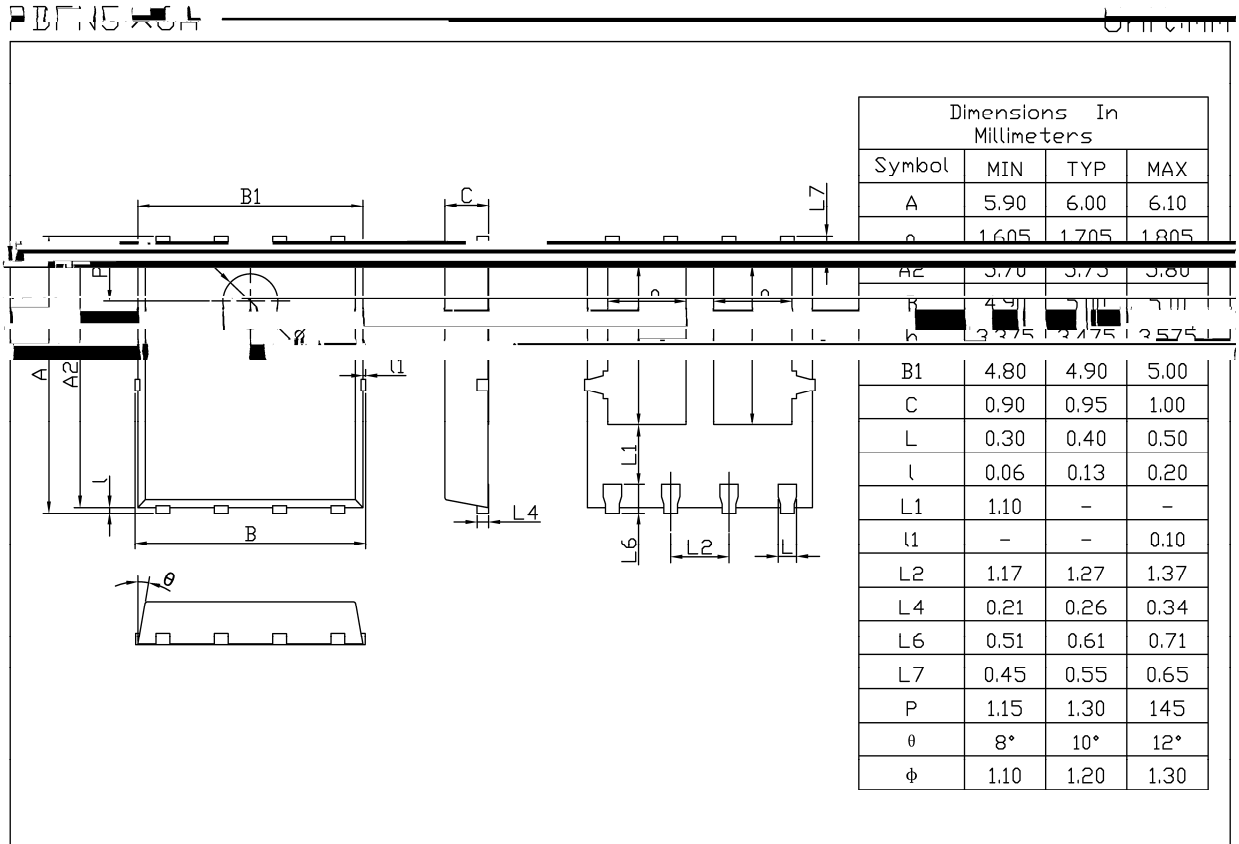
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn-On Delay Time	$t_{d(on)}$	$V_{DS}=15\text{ V}$ $V_{GS}=10\text{V}$ $R_L=0.75$ $R_{GEN}=3$		11		ns
Turn-On Rise Time	$t_r$			14		ns
Turn-Off Delay Time	$t_{d(off)}$			38		ns
Turn-Off Fall Time	$t_f$			10		ns

/ **Electrical Characteristic Curve**





**/ Package Dimensions**



Rev.01 202209



**/ Marking Instructions**



BR

055N03

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Note

BR

Company Code

055N03

Product Type Code

\*\*\*\*:

Lot No. Code, code change with Lot No



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**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
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**/ Packaging SPEC.**

/ REEL

Package Type

Units

Dimension

(unit mm<sup>3</sup>) © p. APWP6-REV.1.16