

BRCS080P016YB

Rev.A Aug.-2025

PDFN3×3A-8L P MOS

P-Channel Enhancement Mode Field Effect Transistor in a PDFN3×3A-8L Plastic Package.

$V_{DS} (V) = -16V$ $I_D = -49.5A$ ($V_{GS} = \pm 12V$)

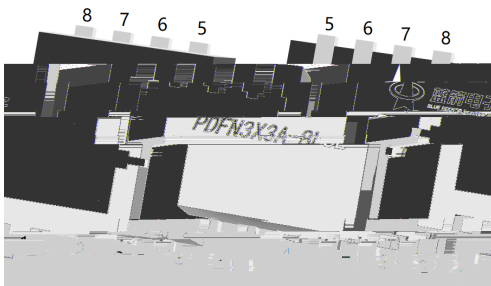
$R_{DS(ON)} @ -4.5V \leq 8m\Omega$ (Typ. $6.6m\Omega$)

$R_{DS(ON)} @ -2.5V \leq 15m\Omega$ (Typ. $9.8m\Omega$)

HF Product.

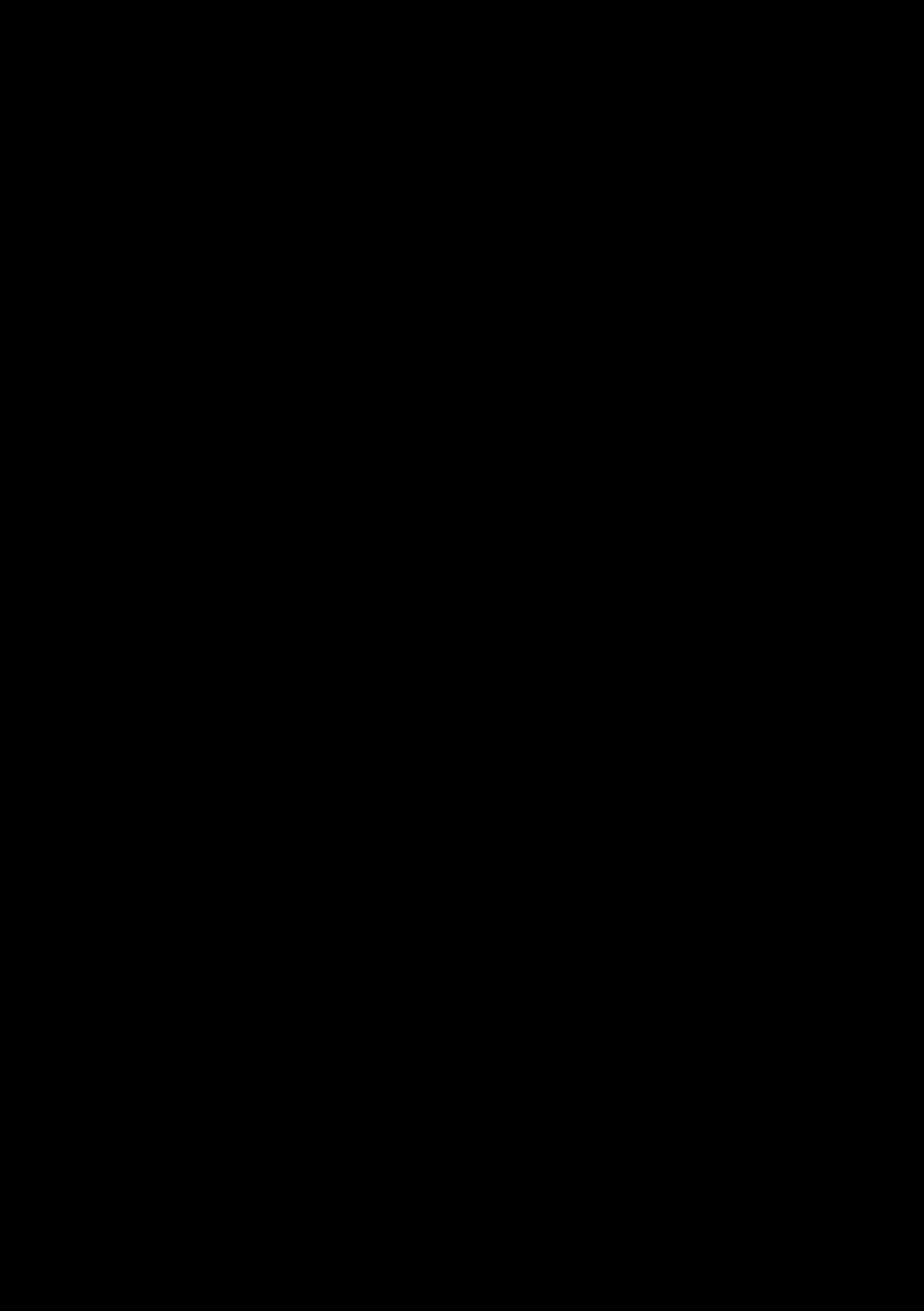
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Notebook AC-in load switch, Battery protection charge/discharge.



/ Marking

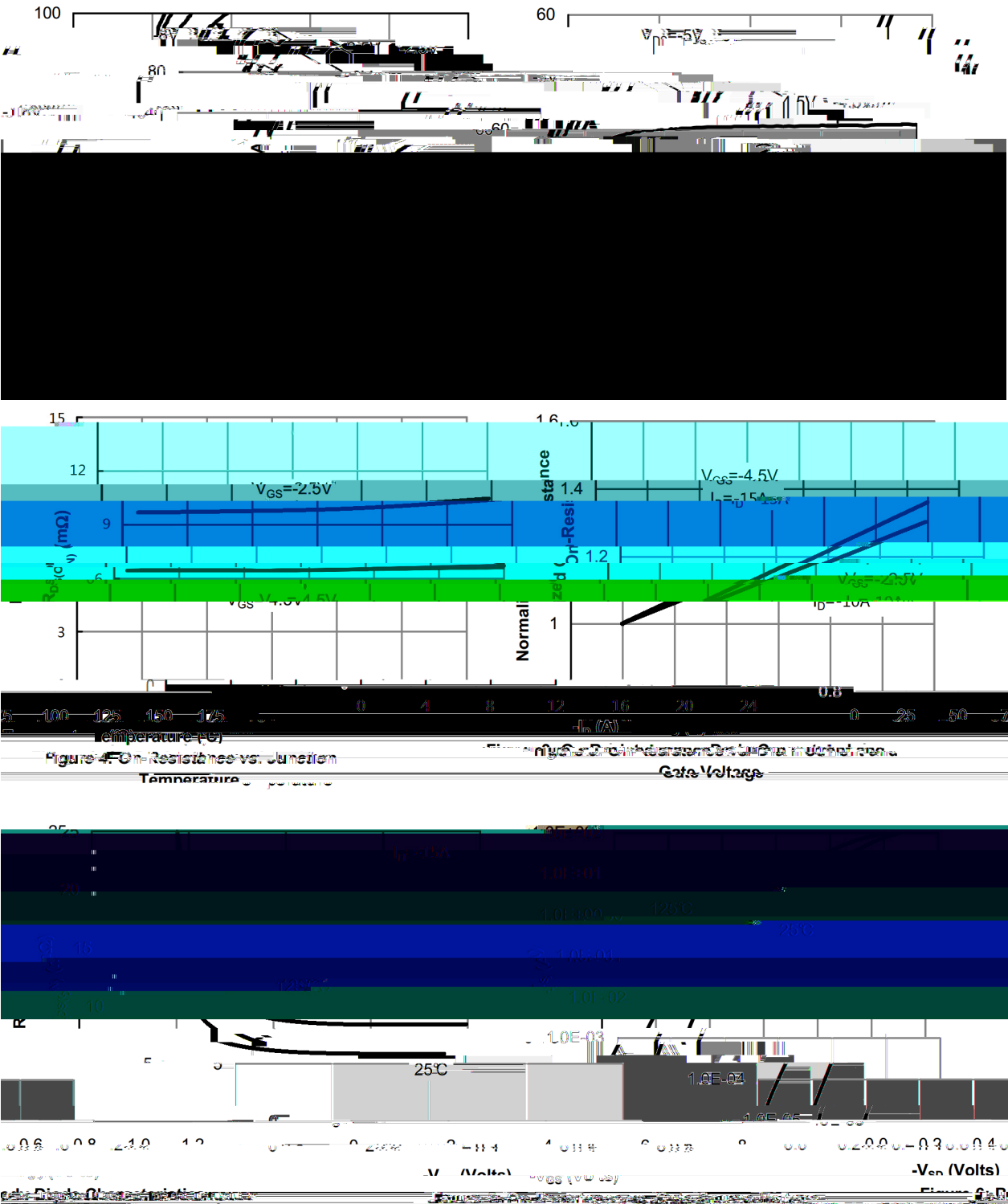
See Marking Instructions.



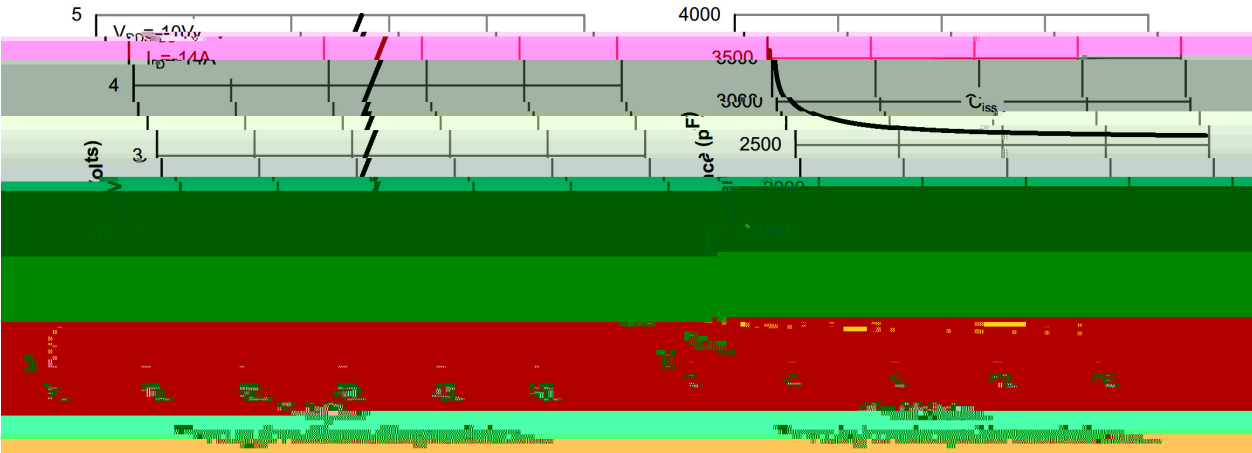
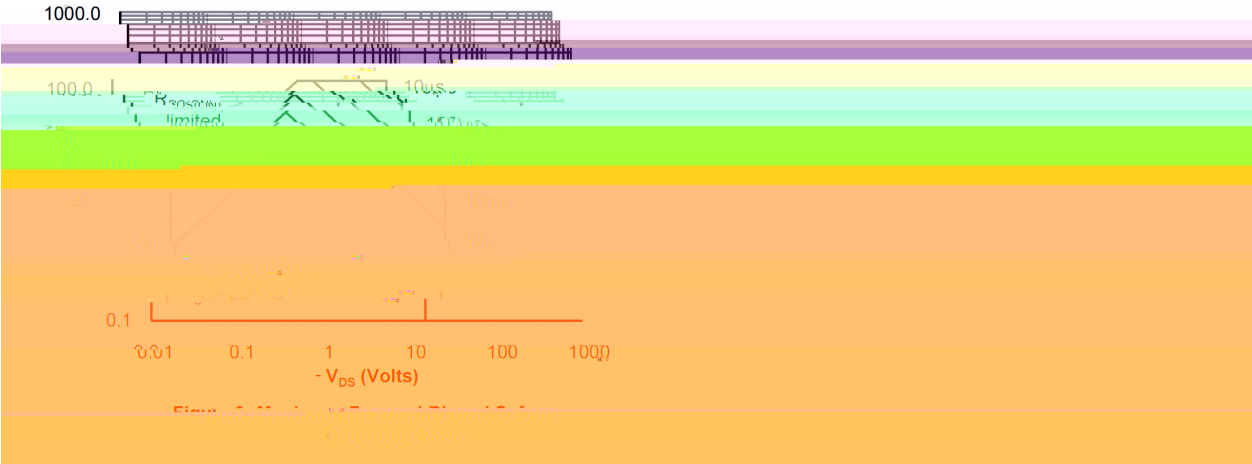
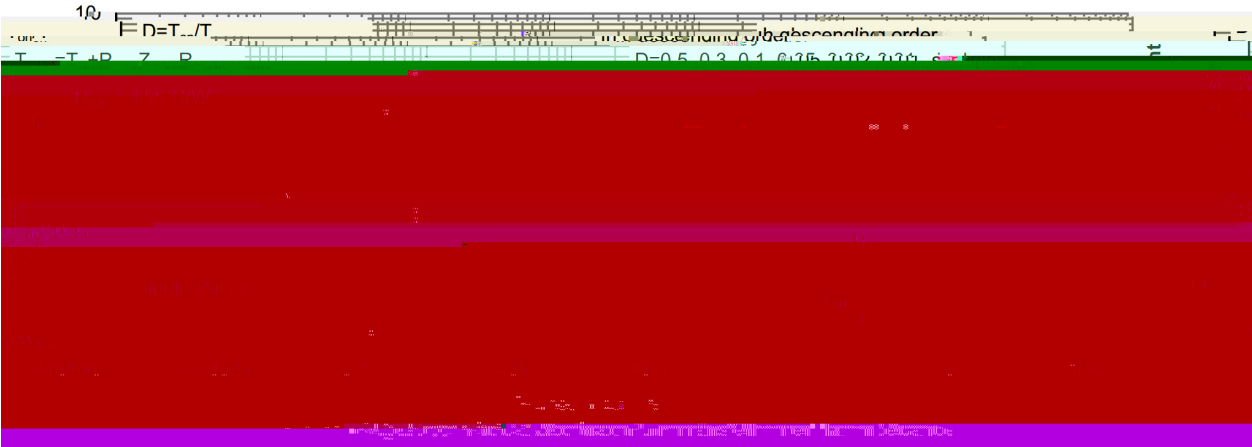
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Electrical Characteristic Curve



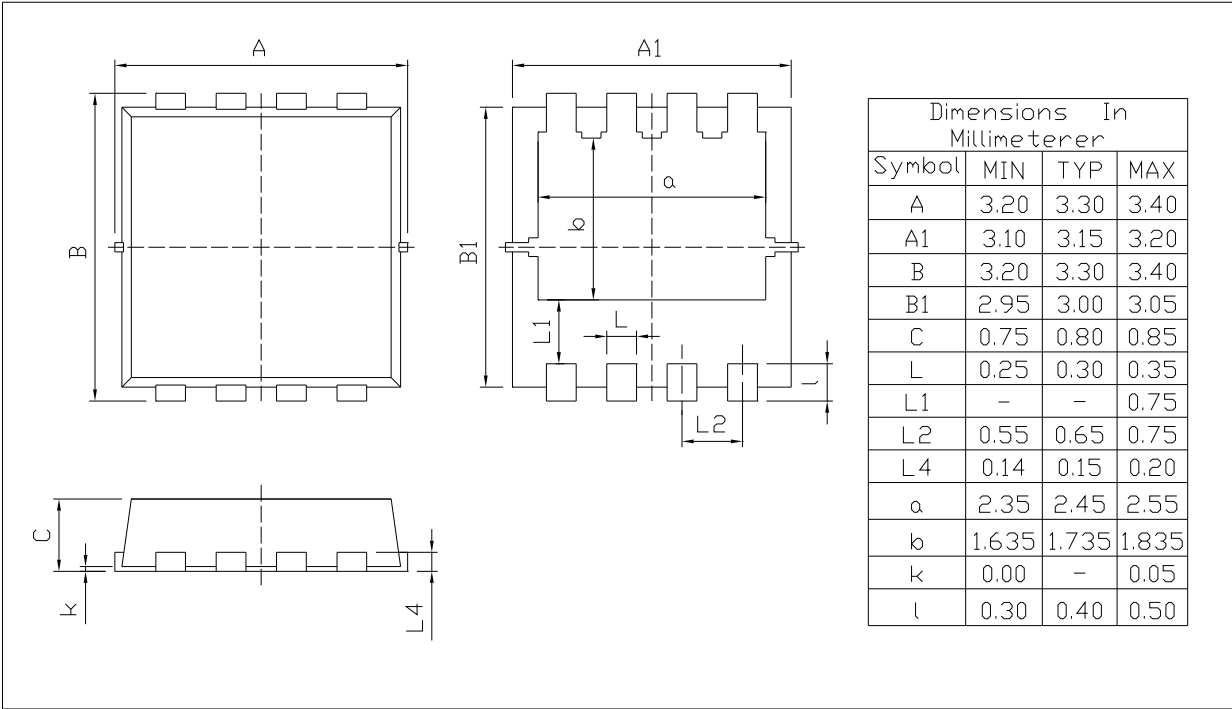
/ Electrical Characteristic Curve



/ Package Dimensions

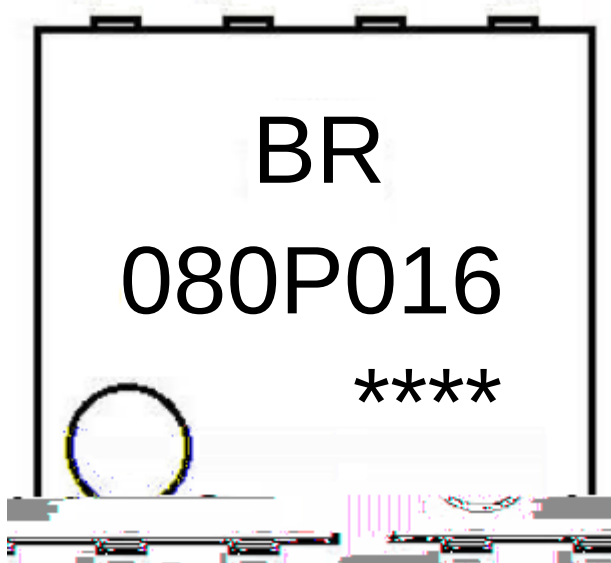
PDFN3X3A-8L

Unit:mm



Rev.00 202011

/ Marking Instructions



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080P016

Note:

BR: Company Code

080P016: Product Type Code

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

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