

Rev.A Jul.-2025

SOP-8 P MOS

P-Channel Enhancement Mode Field Effect Transistor in a SOP-8 Plastic Package.

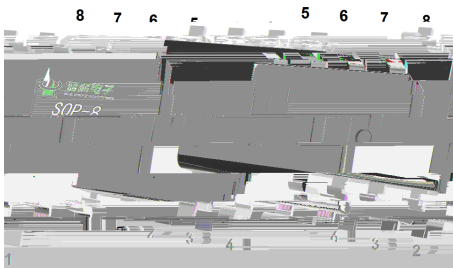
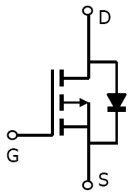
$V_{DS} (V) = -100V$      $I_D = -5.0A$  ( $V_{GS} = \pm 20V$ )

$R_{DS(ON)}@-10V$  200m (Typ.163m )

$R_{DS(ON)}@-4.5V$  230m (Typ.177m )

HF Product.

Motor driver appliances, High power inverter system, Adapter appliances.



PIN 1	S	PIN 2	S	PIN 3	S	PIN 4	G
PIN 5	D	PIN 6	D	PIN 7	D	PIN 8	D

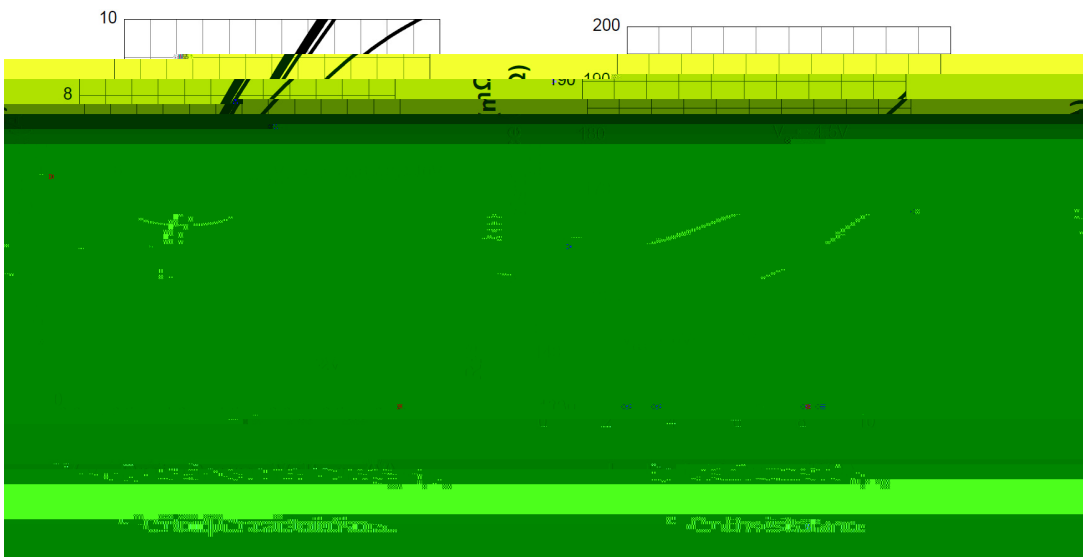
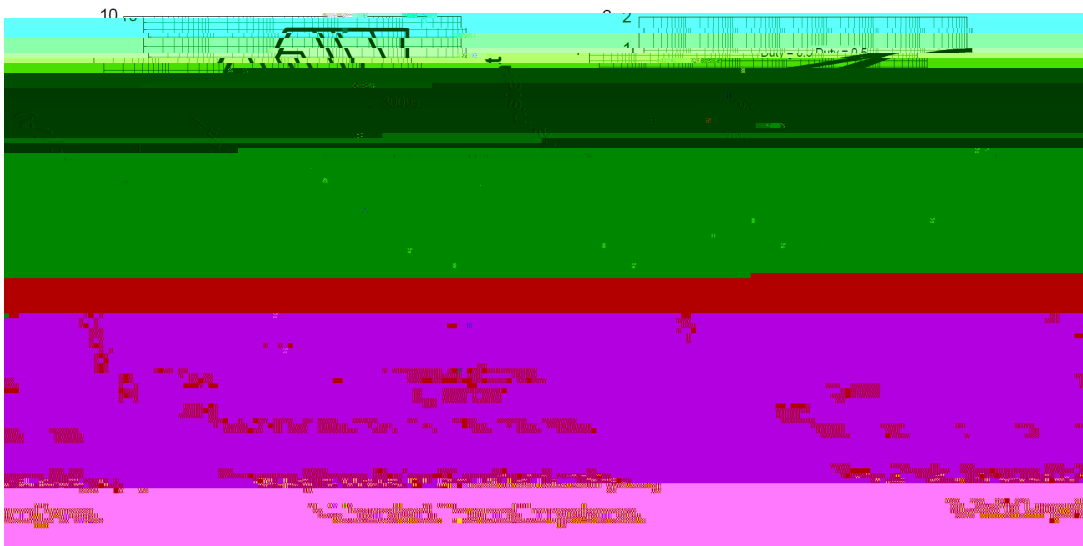
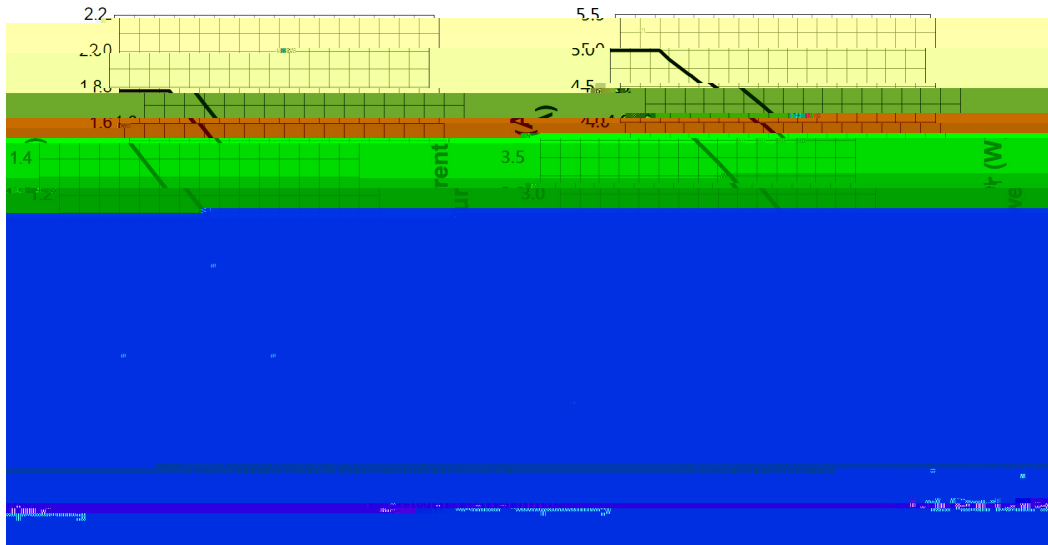
See Marking Instructions.

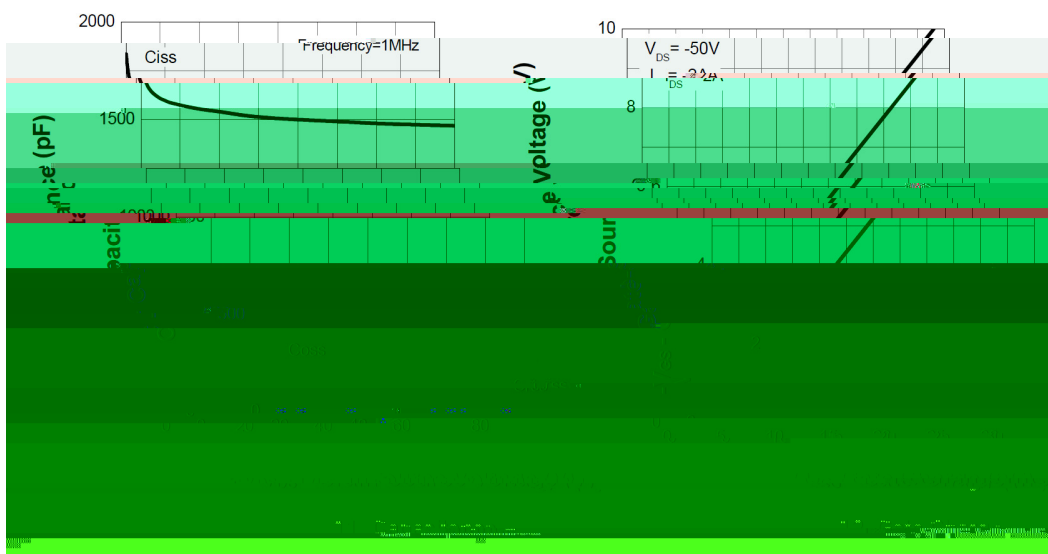
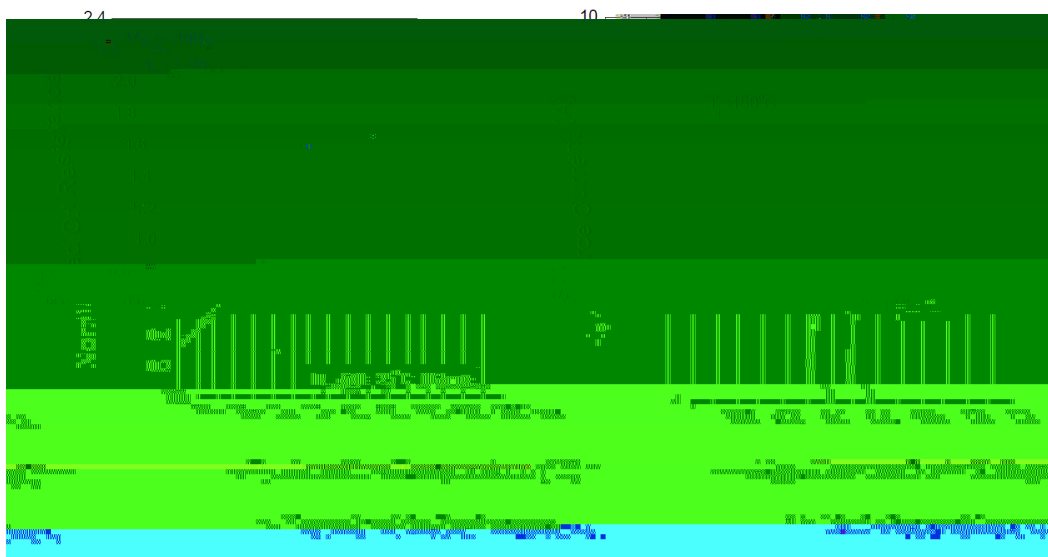
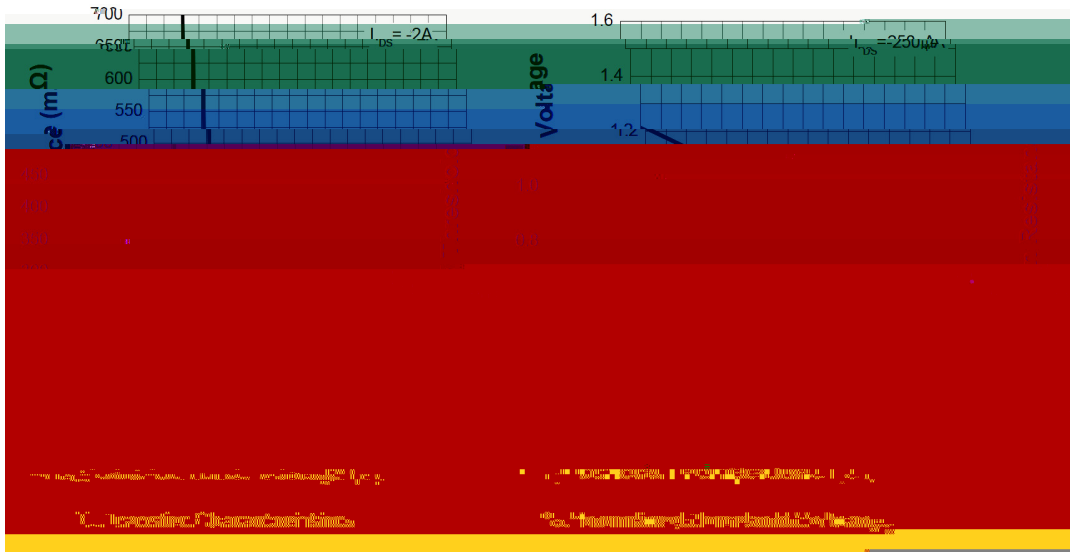
Parameter

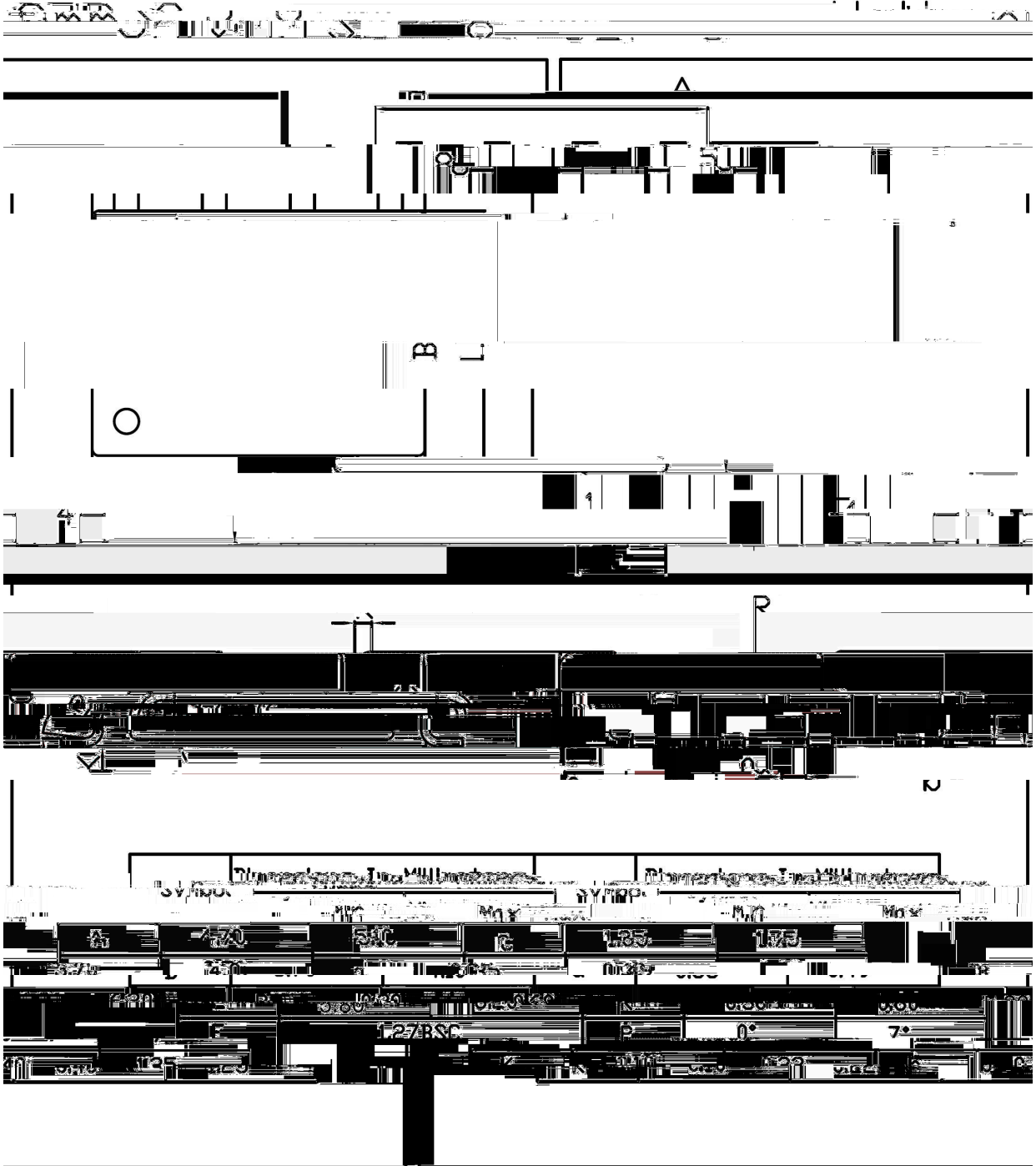
Symbol

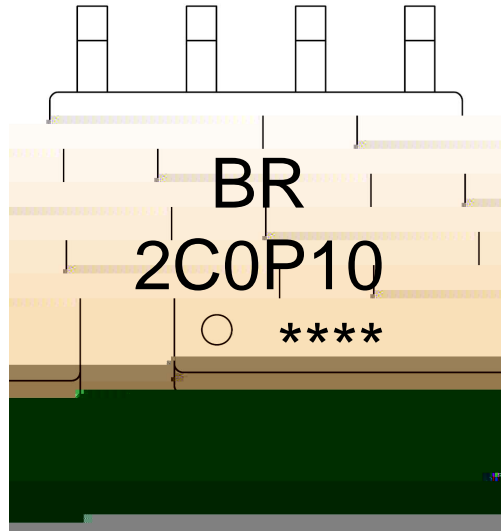
Rating

Parameter	Symbol	Test Conditions	Min
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BR

2C0P10

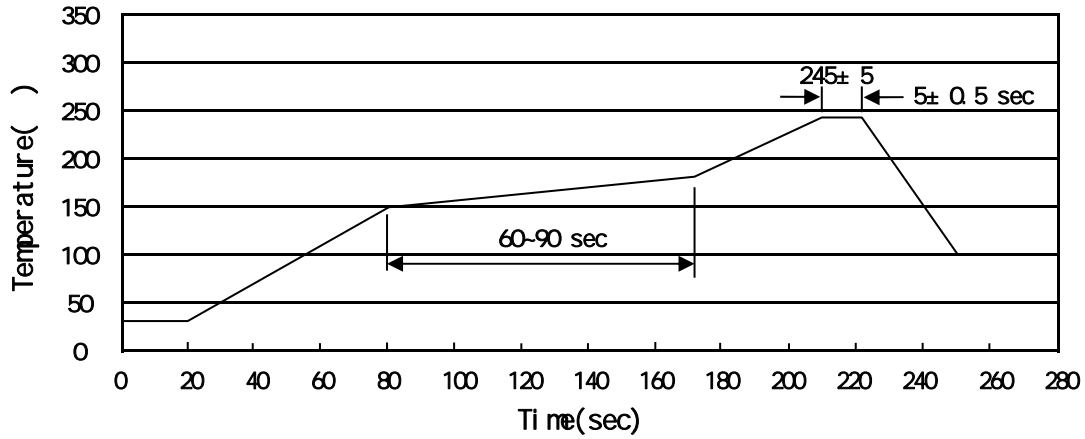
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Note:

BR: Company Code

2C0P10: Product Type Code

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

**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±0.5 | sec;   | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 |       | 2   | 10    | /sec.  | 3. Cooling Speed: 2~10 /sec.            |

260±5

10±1 sec.

Temp.:260±5

Time:10±1 sec

/ REEL

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SOP/ESOP-8	4,000	2	8,000	6	48,000	13 ×12	360×360×50	380×335×366

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