

P

AEC-Q101

LED

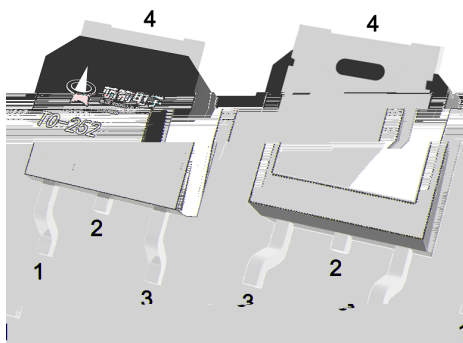
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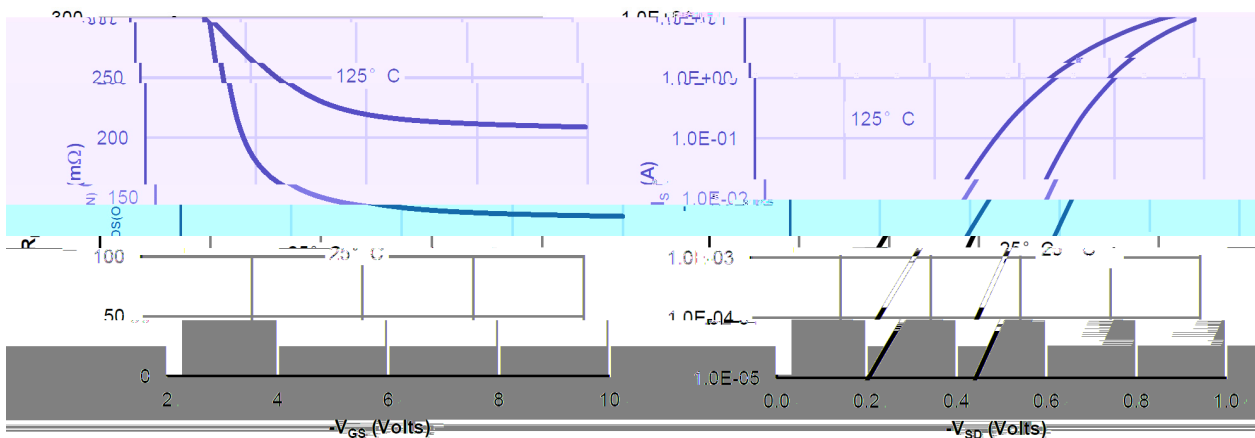
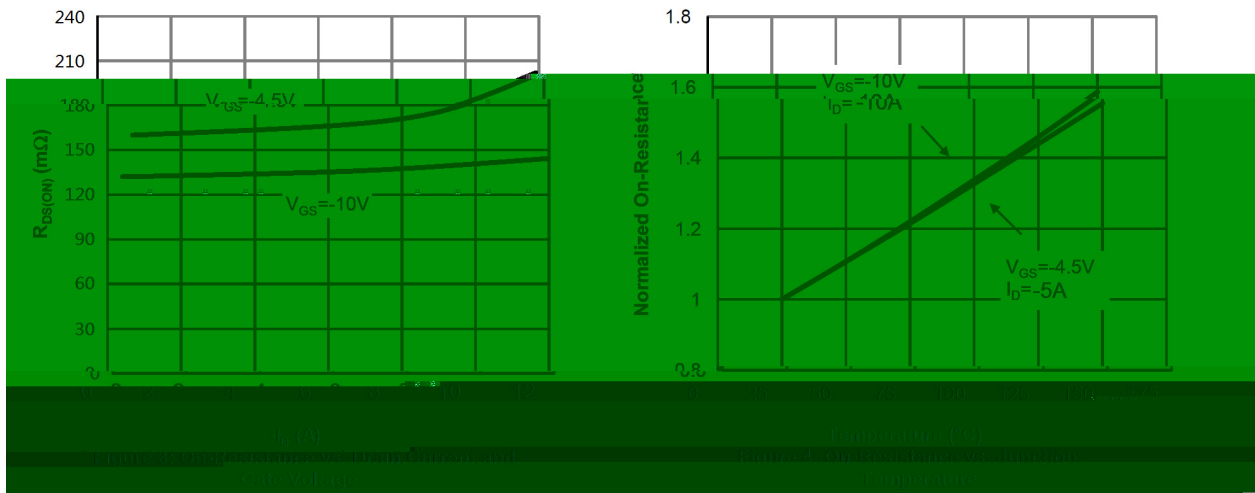
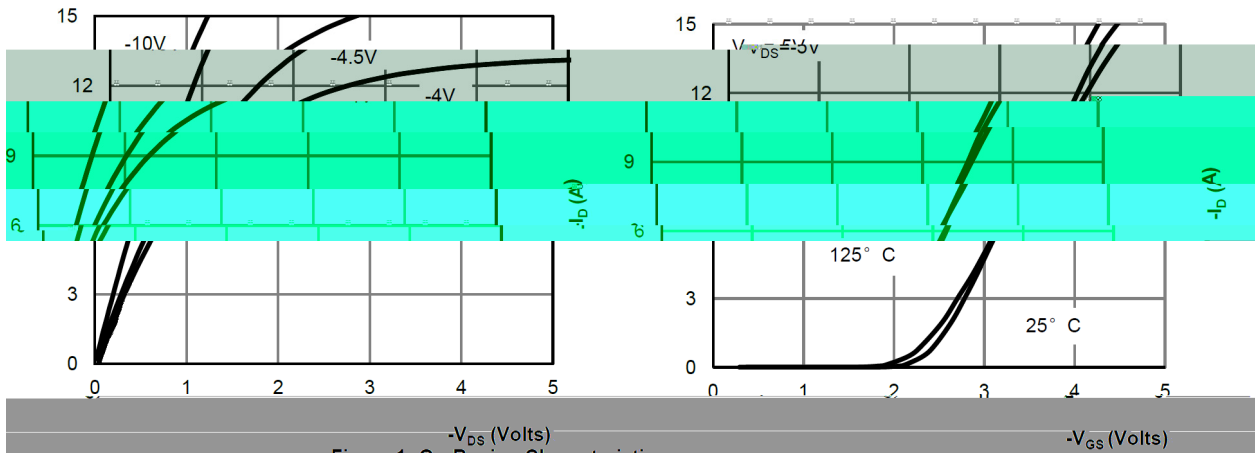
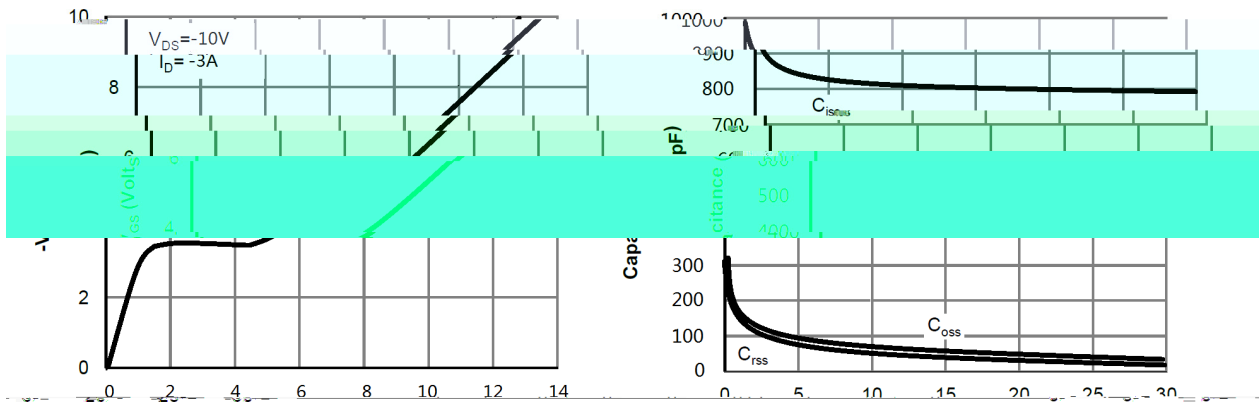


Figure 5: On-Resistance vs. Gate-Source Voltage

Figure 6: Body Diode Characteristics



(Volts)  
ince Characteristics

$Q_g$  (nC)  
Figure 7: Gate-Charge Characteristics

$-V_{DS}$   
Figure 8: Capacitance Characteristics

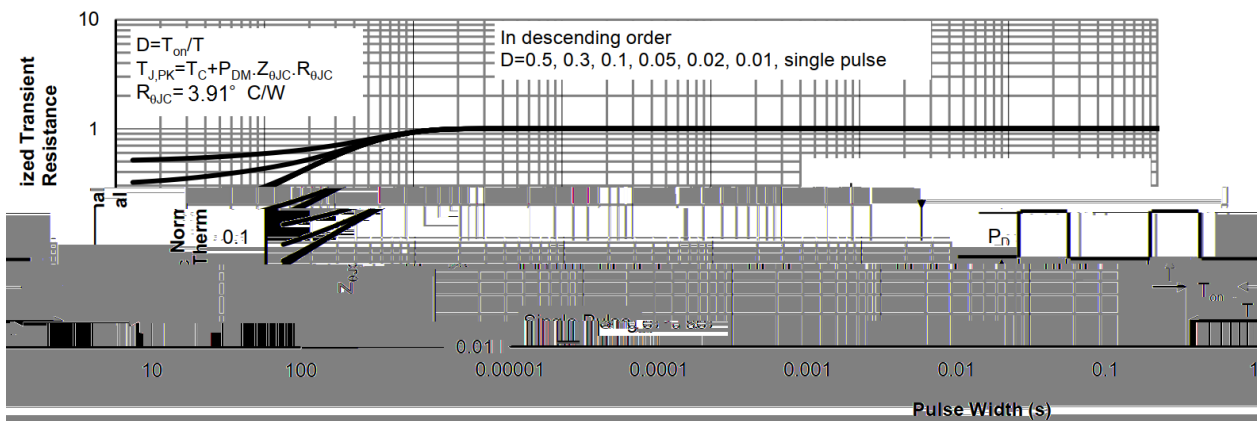
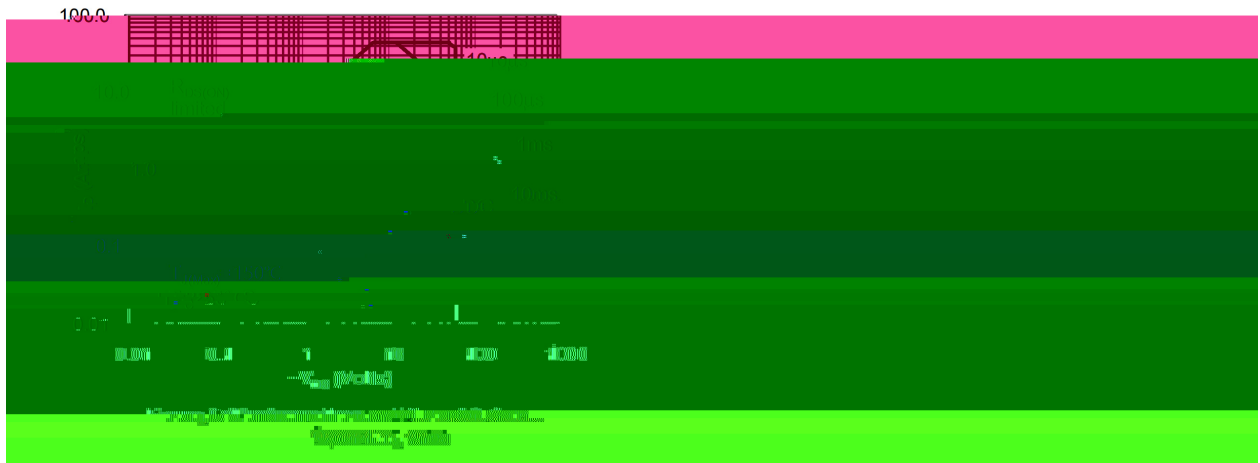
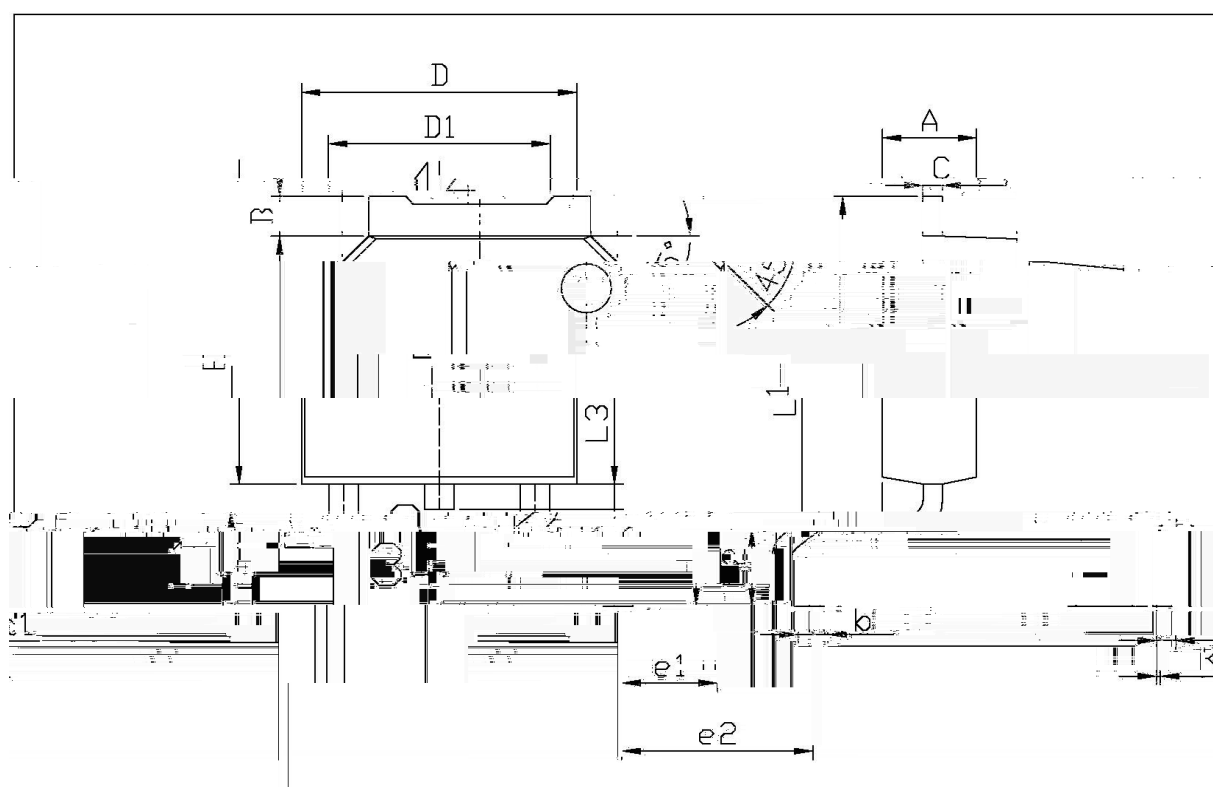
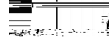
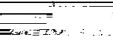
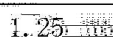


Figure 10: Normalized Maximum Transient Thermal Impedance



单位: mm

| Symbol                                                                              | Dimensions In Millimeters |     | Symbol                                                                                | Dimensions In Millimeters |     |
|-------------------------------------------------------------------------------------|---------------------------|-----|---------------------------------------------------------------------------------------|---------------------------|-----|
|                                                                                     | Min                       | Max |                                                                                       | Min                       | Max |
|  | 6-95                      |     |    | 2-90                      |     |
|  | 2-34                      |     |    | 0.95                      |     |
|  | 9-85                      |     |    | 0.60                      |     |
|  | 10-35                     |     |    | 0.45                      |     |
|                                                                                     |                           |     |    | 0.55                      |     |
|                                                                                     |                           |     |    | 1.1                       |     |
|                                                                                     |                           |     |  | 5-95                      |     |
|                                                                                     |                           |     |  | 1.25                      |     |
|                                                                                     |                           |     |  | e1                        |     |
|                                                                                     |                           |     |  | 2                         |     |
|                                                                                     |                           |     |  | 4                         |     |
|                                                                                     |                           |     |  | 1.1                       |     |

, M y f / Marking Instructions

BR Q  
1C0P06  
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1C0P06 y ° Z W A

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Note:

BR: Company Code

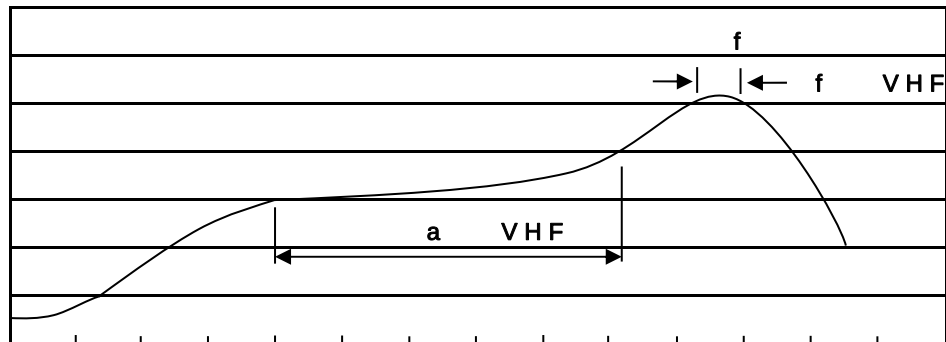
Q: Automobile halogen-free product Code

1C0P06: Product Type Code

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

ŠWD t... • Žč (x / ) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6

7HP SHUDWXUH



7LPH VHF

a č y

Note:

- 10• Ä ½ “† 150 ½200 - k ž • 60 ½120sec; 1.Preheating:150~200 - , Time:60~120sec.
- 20• Q > “† 255 r5 - k ž • 4 Ò 5 r0.5sec; 2.Peak Temp.:255 r5 - , Duration:5 r0.5sec.
- 30•D N ò i Ò 0 ,† 2 ½10 - /sec. 3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

“† y 260 r5 - ž • y 10 r1 sec. Temp.:260±5 Time:10±1 sec

G P á / Packaging SPEC.

2 & x / REEL

| Package Type<br>7>û ~ E | Units ;>û H      |                          |                       |                                |                        | Dimension ;>û p . (unit Åmm³) |            |             |
|-------------------------|------------------|--------------------------|-----------------------|--------------------------------|------------------------|-------------------------------|------------|-------------|
|                         | Units/Reel<br>/- | Reels/Inner Box<br>-- /- | Units/Inner Box<br>/- | Inner Boxes/Outer Box<br>- /1ç | Units/Outer Box<br>/1ç | Reel                          | Inner Box  | Outer Boxç  |
| TO-252                  | 2,500            | 2                        | 5,000                 | 6                              | 30,000                 | 13 s ×16                      | 360×360×50 | 380×335×366 |

ì' x / TUBE

| Package Type<br>7>û ~ E | Units ;>û H        |                           |                       |                                |                        | Dimension ;>û p . (unit Åmm³) |            |             |
|-------------------------|--------------------|---------------------------|-----------------------|--------------------------------|------------------------|-------------------------------|------------|-------------|
|                         | Units/Tube<br>/•1× | Tubes/Inner Box<br>•1× /- | Units/Inner Box<br>/- | Inner Boxes/Outer Box<br>- /1ç | Units/Outer Box<br>/1ç | Tube•1×                       | Inner Box  | Outer Boxç  |
| TO-251/252              | 75                 | 48                        | 3,600                 | 5                              | 18,000                 | 526×20.5×5.25                 | 555×164×50 | 575×290×180 |

„Đ y f / Notices