

[illegible]

/ Descriptions

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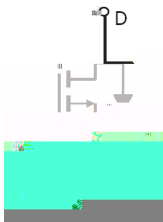
/ Features

AEC-Q101

/ Applications

DC/DC

/ Equivalent Circuit



/ Pinning



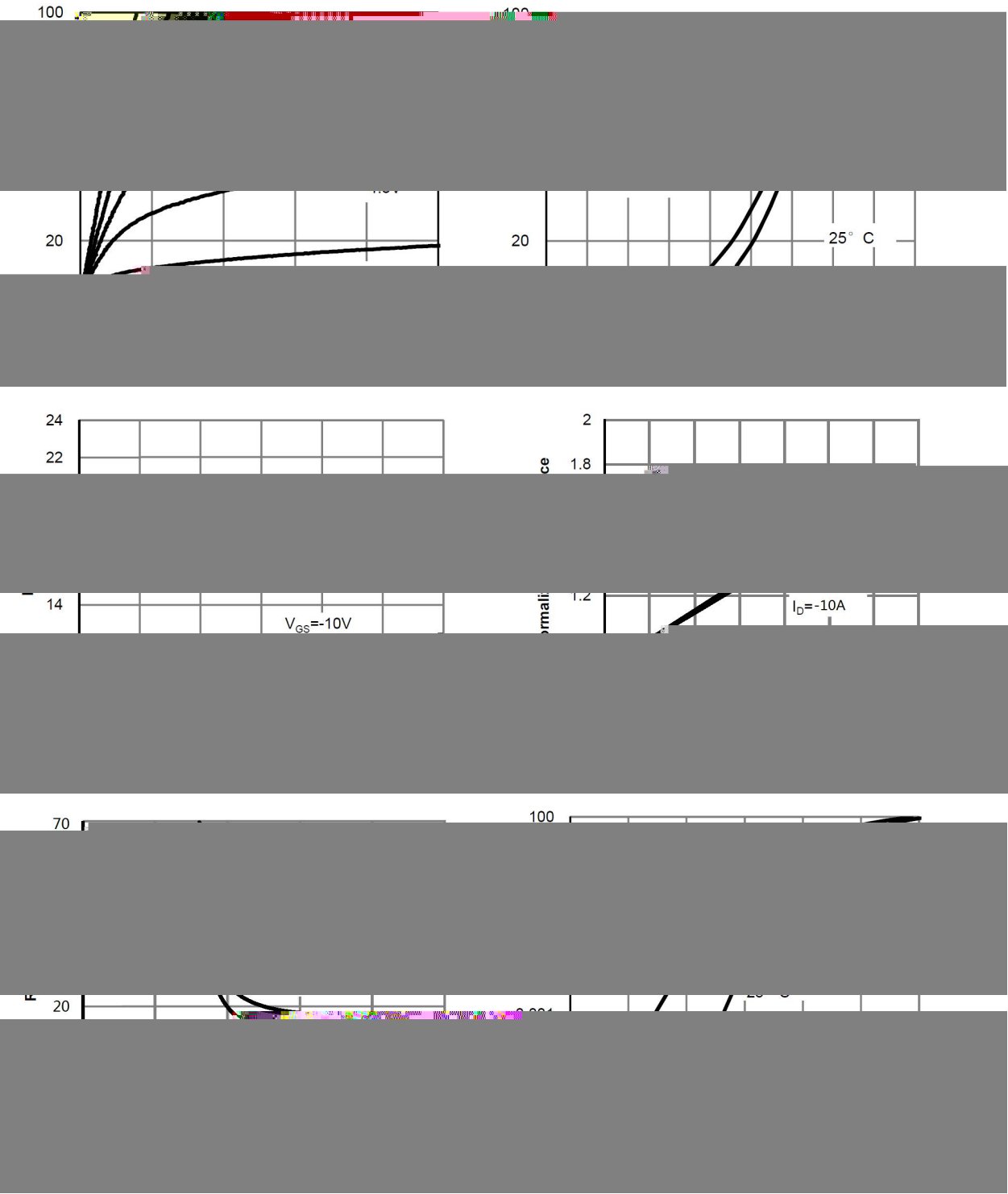
/ Marking

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/ Electrical Characteristics(Ta=25 )

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/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

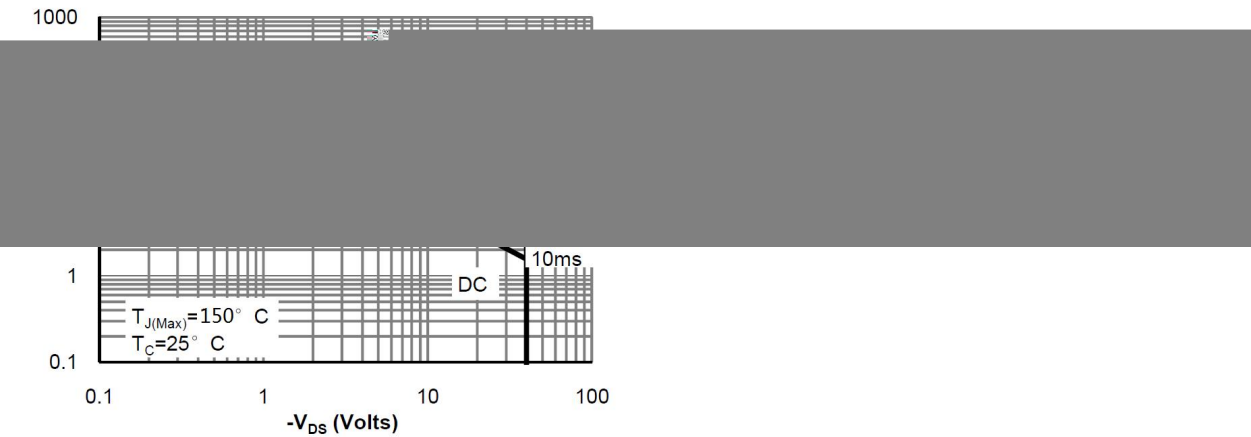
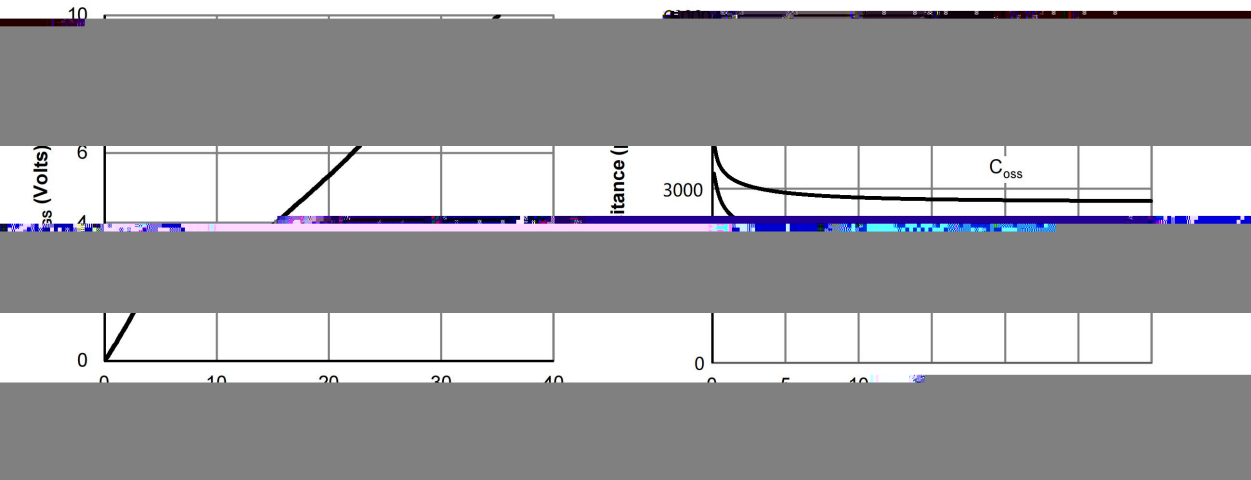
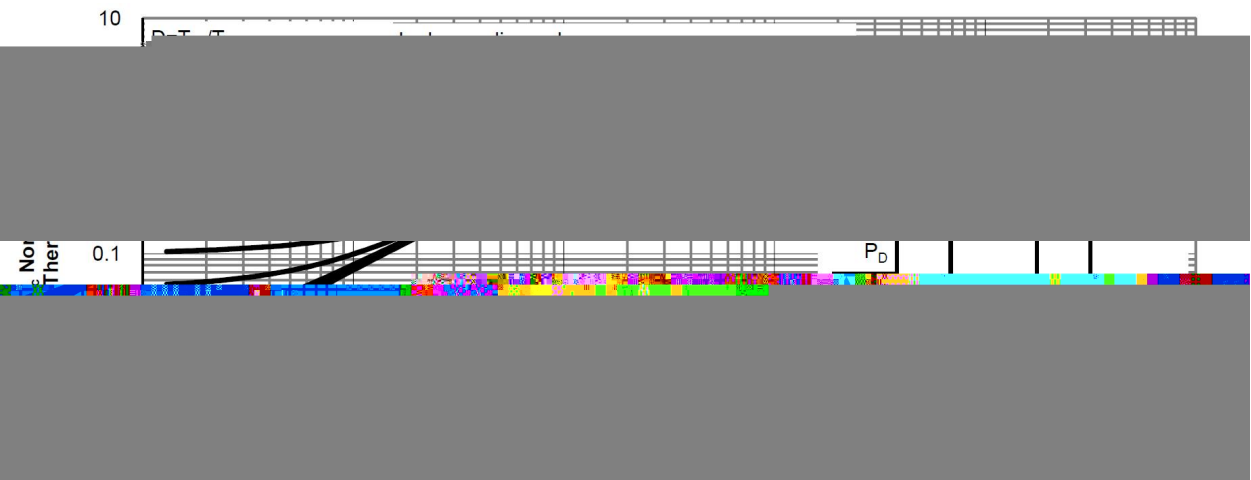
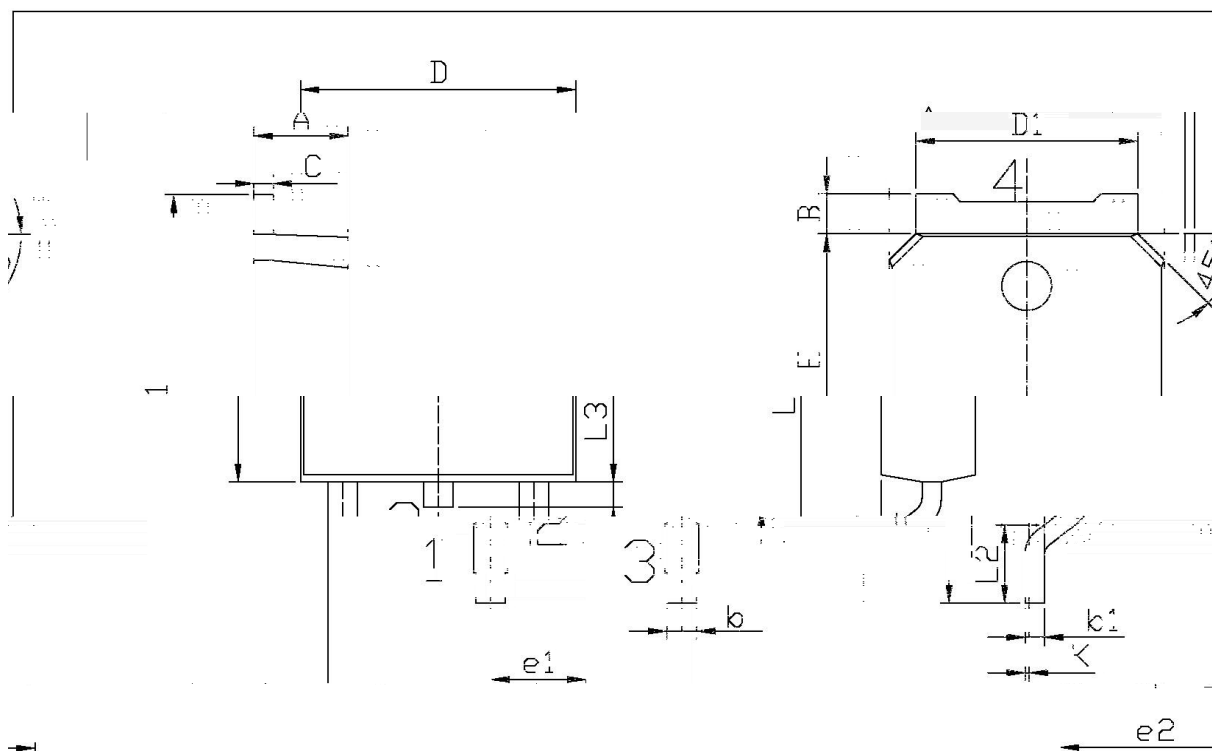


Figure 9: Maximum Forward Biased Safe Operating Area



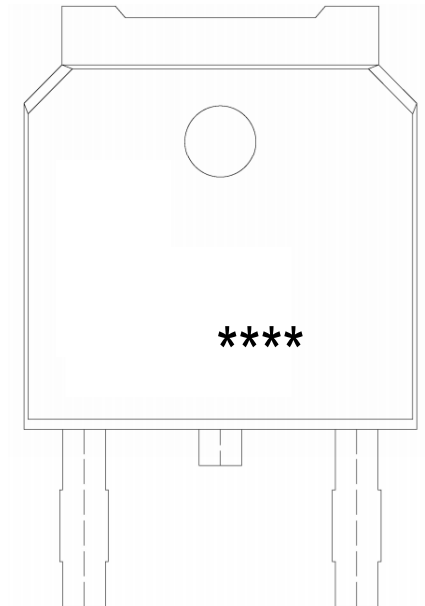


单位: mm

| Dimensions In Millimeters |         |         | Dimensions In Millimeters |        |        |
|---------------------------|---------|---------|---------------------------|--------|--------|
| Symbol                    | Min     | Max     | Symbol                    | Min    | Max    |
| $n$                       | 2.20    | 2.40    | $e$                       | 5.95   | 6.25   |
| $B$                       | 0.95    | 1.25    | $e_1$                     | 2.24   | 2.34   |
| $4.43$                    | $4.73$  | $5.03$  | $0.60$                    | $0.70$ | $0.90$ |
| $9.85$                    | $10.35$ | $10.85$ | $0.45$                    | $0.55$ | $1.10$ |
| $2.00$                    | $0.75$  | $10.45$ | $10.55$                   | $1.20$ | $1.70$ |
| $6.45$                    | $6.75$  | $L3$    | $0.60$                    | $0.90$ | $D$    |
| $F$                       | $0.10$  | $0.20$  | $0.30$                    | $0.40$ | $0.50$ |

TN-252

/ Marking Instructions



BR

120P04

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(     ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

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/ Resistance to Soldering Heat Test Conditions

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/ Packaging SPEC.

| 封装形式   | 包装数量               |                         |                        |                              |                        | 包装尺寸    |             |             |
|--------|--------------------|-------------------------|------------------------|------------------------------|------------------------|---------|-------------|-------------|
|        | Units/Reel<br>只/卷盘 | Reels/Inner Box<br>卷盘/盒 | Units/Inner Box<br>只/盒 | Inner Boxes/Outer Box<br>盒/箱 | Units/Outer Box<br>只/箱 | Reel    | Inner Box 盒 | Outer Box 箱 |
| TO-252 | 2,500              | 2                       | 5,000                  | 6                            | 30,000                 | 13" ×16 | 360×360×50  | 380×335×366 |

| 封装形式       | 包装数量               |                         |                        |                              |                        | 包装尺寸          |             |             |
|------------|--------------------|-------------------------|------------------------|------------------------------|------------------------|---------------|-------------|-------------|
|            | Units/Tube<br>只/套管 | Tubes/Inner Box<br>套管/盒 | Units/Inner Box<br>只/盒 | Inner Boxes/Outer Box<br>盒/箱 | Units/Outer Box<br>只/箱 | Tube 套管       | Inner Box 盒 | Outer Box 箱 |
| TO-251/252 | 75                 | 48                      | 3,600                  | 5                            | 18,000                 | 526×20.5×5.25 | 555×164×50  | 575×290×180 |

/ Notices