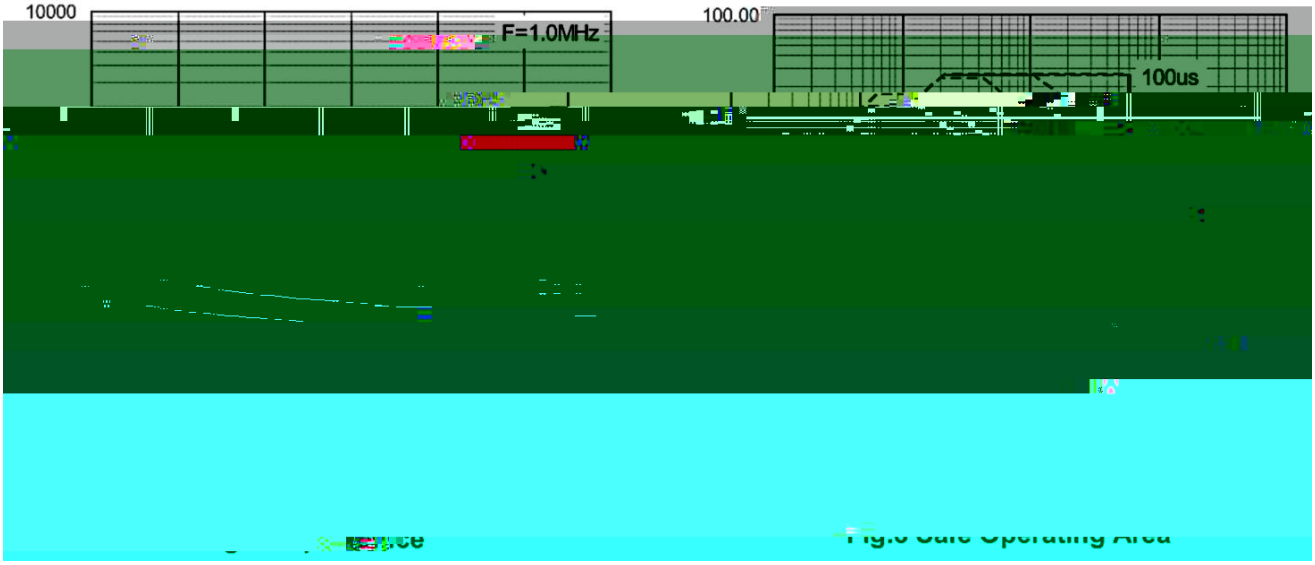
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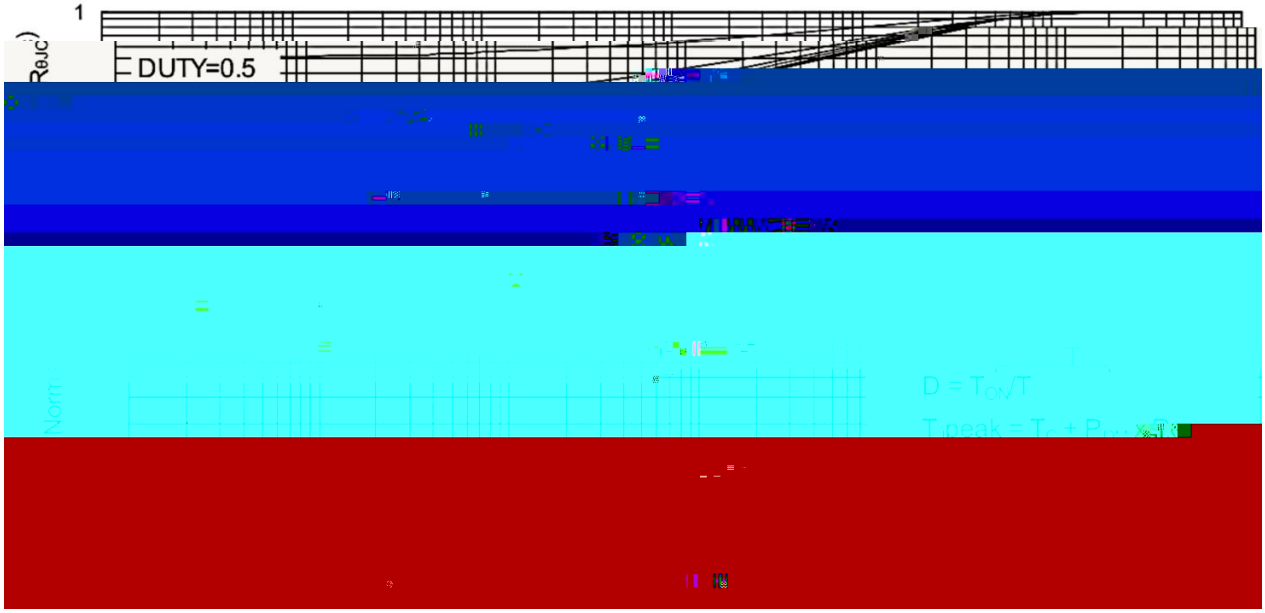
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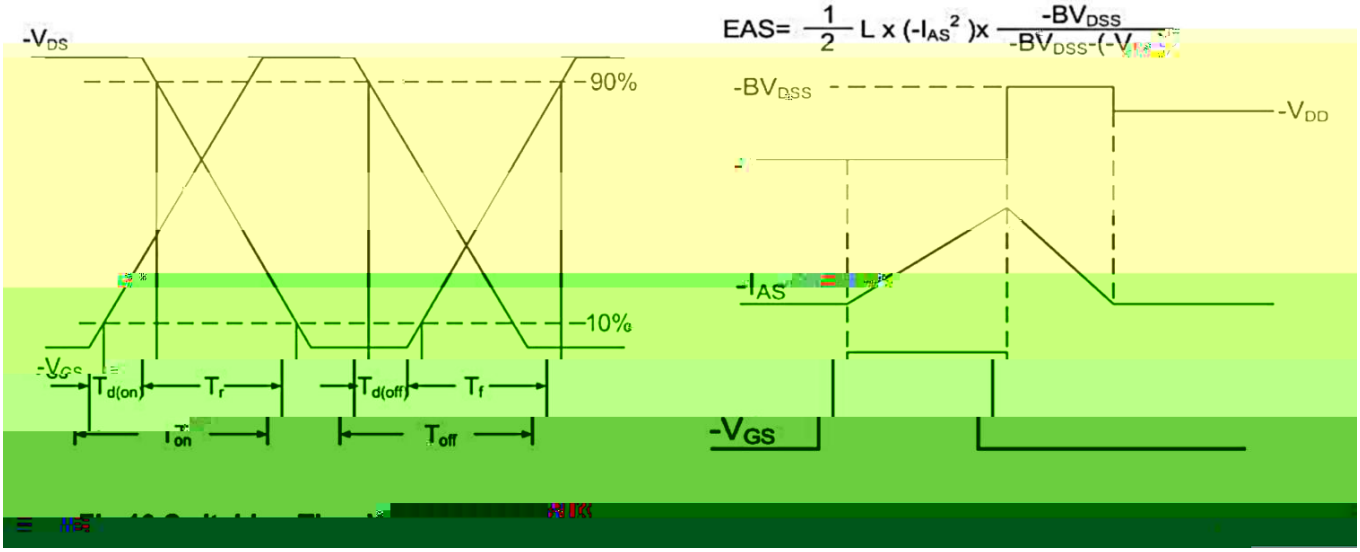
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± 9 ' ]TJ 96.0004 0 1 i 1946.422.7964 0 TD[( )]TJ 88.7969 0 TD[( )]TJ 88.7974 0 TD[( 9)]TJ


10000
F=1.0MHz
100.00
100us


1
DUTY=0.5
D = T_ON/T

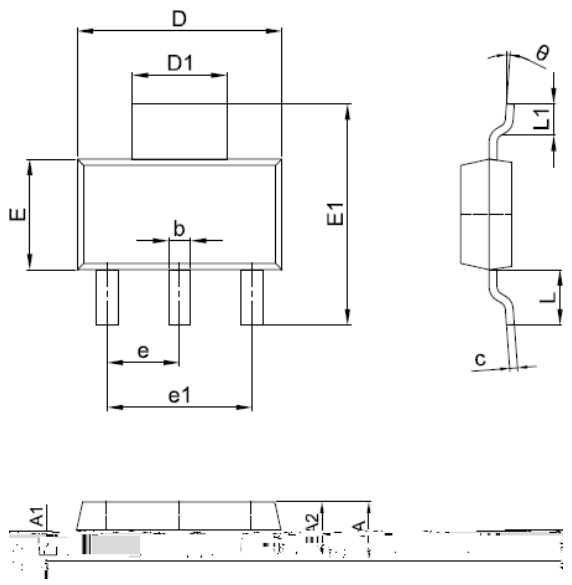

-V_DS
90%
10%
-V_GS
T_d(on)
T_r
T_d(off)
T_f
T_on
T_off
EAS= 1/2 L x (-I_AS^2) x -BV_DSS / -BV_DSS-(-V
-BV_DSS
-V_DD
-I_AS
-V_GS

## Ordering information

| Package | Packing Description | Base Quantity | Packing Quantity |
|---|---|---|---|
| SOT-223 | Tape/Reel,7”reel | 1000pcs/Reel | 6000PCS/Box 30000PCS/Carton |
| | Tape/Reel,13”reel | 2500pcs/Reel | 5000PCS/Box 30000PCS/Carton |

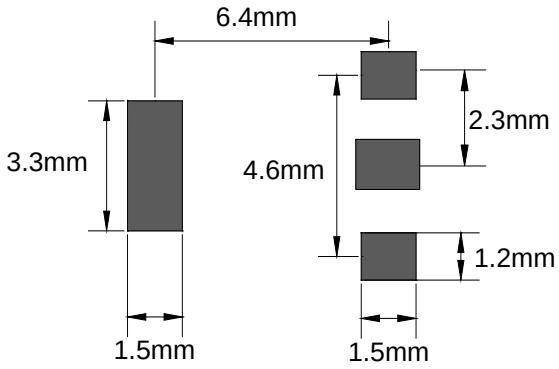
## Package Dimensions

**SOT-223**




| Dlm | Millimeter | | Inches | |
|---|---|---|---|---|
| | Min. | Max. | Min. | Max. |
| A | 1.50 | 1.80 | 0.059 | 0.071 |
| A1 | 0.00 | 0.10 | 0.000 | 0.004 |
| A2 | 1.50 | 1.70 | 0.059 | 0.067 |
| b | 0.65 | 0.75 | 0.026 | 0.030 |
| c | 0.20 | 0.30 | 0.008 | 0.012 |
| D | 6.40 | 6.60 | 0.252 | 0.260 |
| D1 | 2.90 | 3.10 | 0.114 | 0.122 |
| E | 3.30 | 3.70 | 0.130 | 0.146 |
| E1 | 6.85 | 7.15 | 0.270 | 0.281 |
| e | 2.20 | 2.40 | 0.087 | 0.094 |
| e1 | 4.40 | 4.80 | 0.173 | 0.189 |
| L | 1.65 | 1.85 | 0.065 | 0.073 |
| L1 | 0.90 | 1.15 | 0.035 | 0.045 |

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