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| | | |
| | | |
| 158 | | |
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- (SMPS) (PFC)
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| | | |
|-----------|---------|-----------|
| | | |
| G3S06502H | TO-220F | G3S06502H |

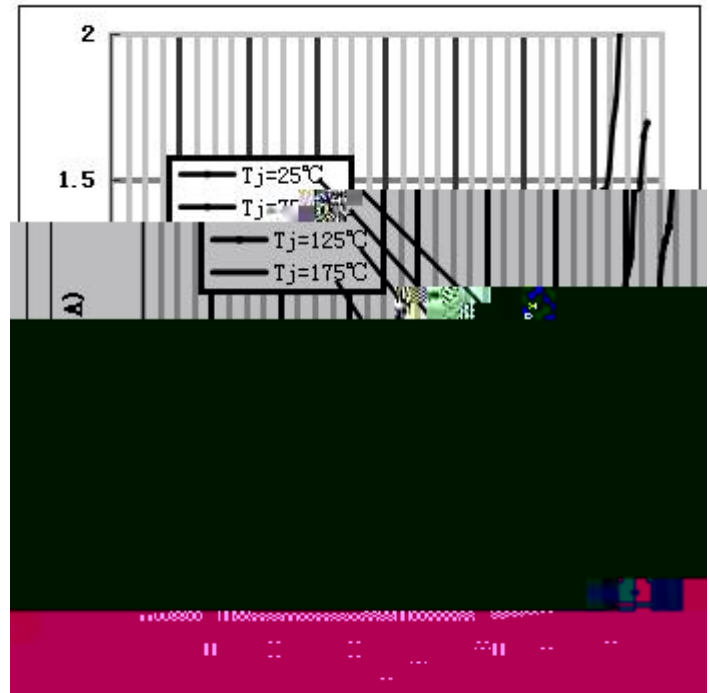
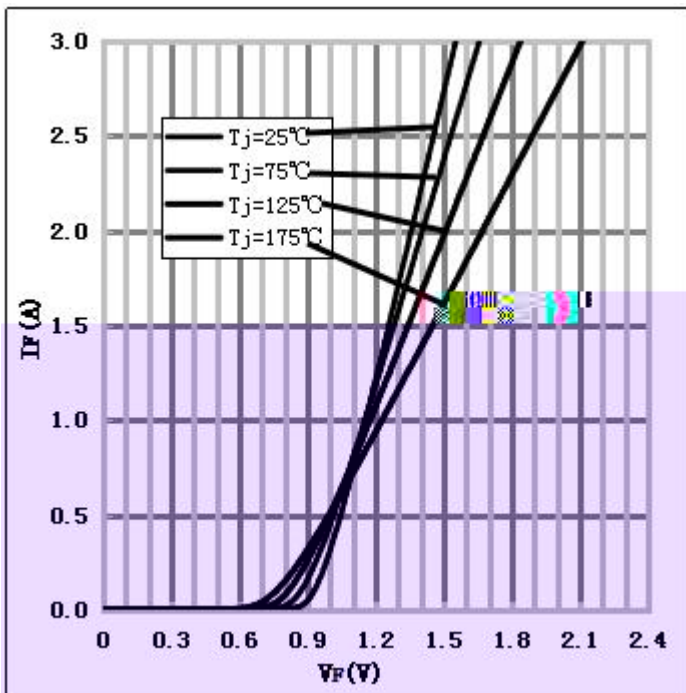
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|--|-----------|--|-----------------|--------|
| | | | | |
| | V_{RRM} | | 650 | V |
| | V_{RSM} | | 650 | V |
| | V_{DC} | | 650 | V |
| | I_F | $T_C=25$ $T_C=125$ $T_C=158$ | 7.9 4.2 2 | A |
| | I_{FRM} | $T_C=25$, $t_p=10ms$ Half Sine Wave $D=0.3$ | 12 | A |
| | I_{FSM} | $T_C=25$, $t_p=10ms$ Half Sine Wave | 30 | A |
| | P_{TOT} | $T_C=25$ | 33 | W |
| | | $T_C=110$ | 14 | W |
| | T_j | | -55 to 175 | |
| | T_{stg} | | -55 to 175 | |
| | | M3 Screw | 1 | Nm |
| | | 6-32 Screw | 8.8 | lbf-in |

| | | | | |
|--|------------|--|------|------------|
| | | | | |
| | R_{thJC} | | 4.53 | ΔW |

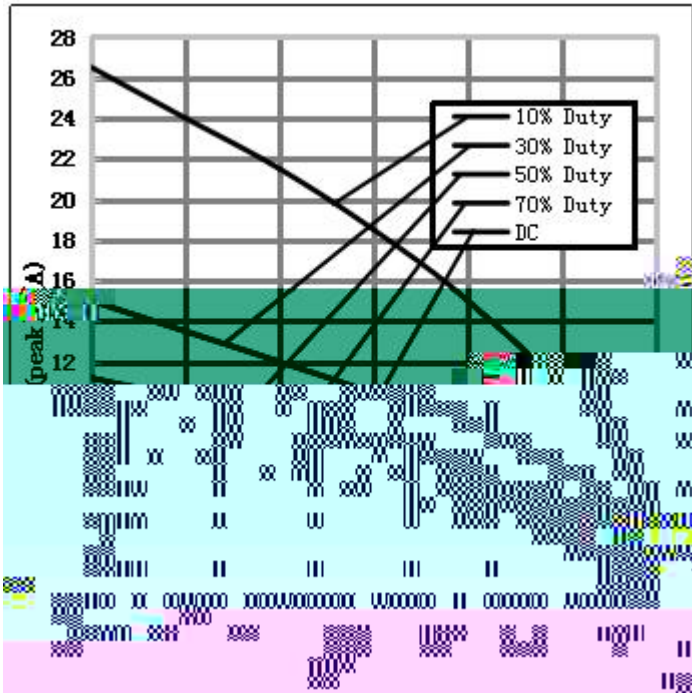
| | | | | | |
|--|-------|----------------------------|------|-----|---------|
| | | | | | |
| | V_F | $I_F=2A, T_j=25$ | 1.37 | 1.7 | V |
| | | $I_F=2A, T_j=175$ | 1.67 | 2 | |
| | I_R | $V_R=650V, T_j=25$ | 0.04 | 50 | μA |
| | | $V_R=650V, T_j=175$ | 0.4 | 100 | |
| | Q_C | $= \int$ | | - | nC |
| | C | $V_R=0V, T_j=25, f=1MHz$ | 123 | 150 | pF |
| | | $V_R=200V, T_j=25, f=1MHz$ | 12 | 20 | |
| | | $V_R=400V, T_j=25, f=1MHz$ | 13 | 30 | |

1) $I_F=f(V_F, T_j)$

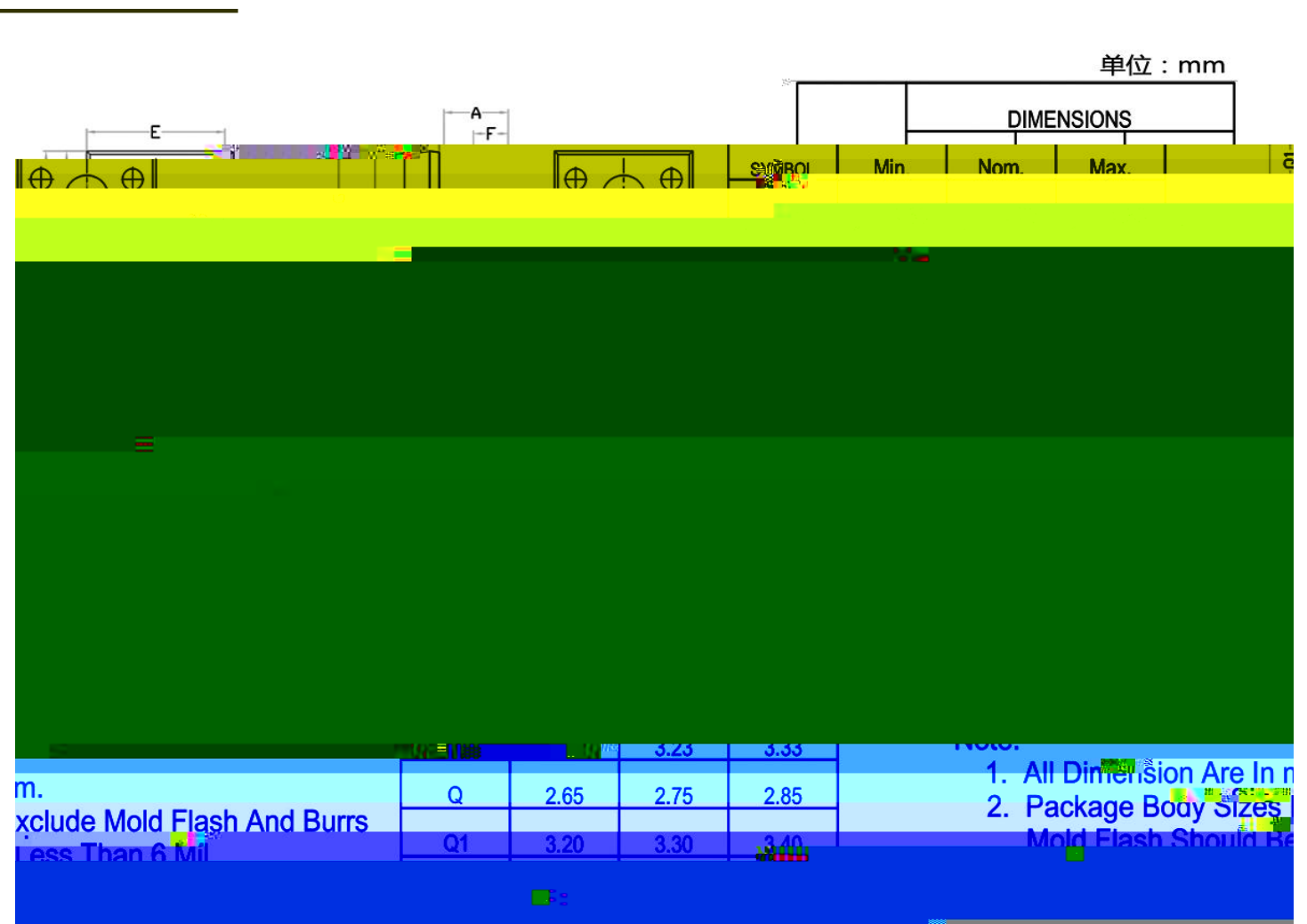
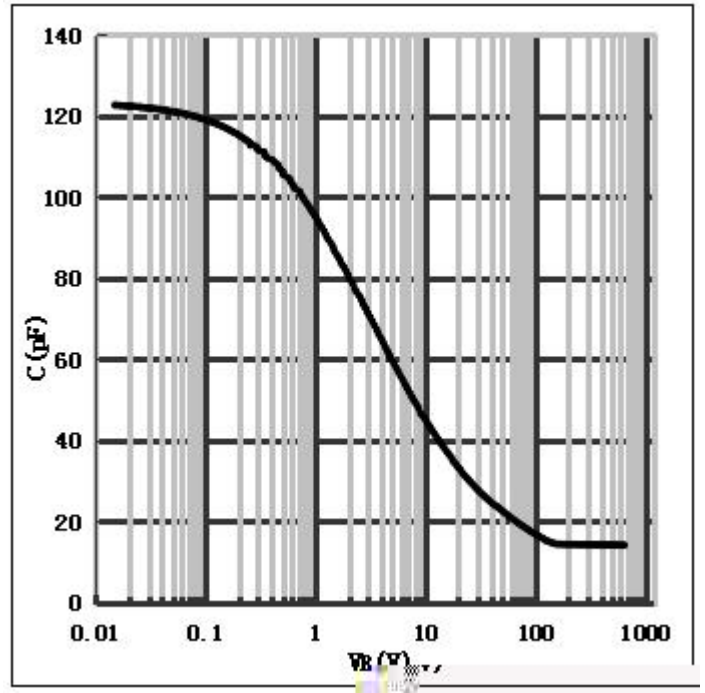
2)



3)



4)



ISO9001 2015

2015 9 23

ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

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