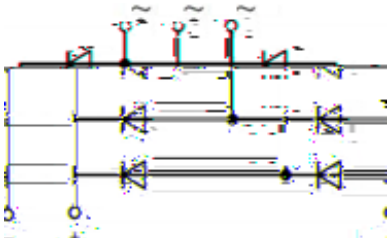
- Low forward voltage and leakage current
- Low inductance package
- High surge current capability

| | | |
|---|---|---|
| $V_{RRM}$ | 1600 | V |
| $I_D$ | 150 | A |
| $I_{FSM}$(@ $t_P$ = 10ms) | 1500 | A |
| $V_F$(Max) | 1.45 | V |

- Field supply for DC motors
- Line rectifiers for transistorized AC motor controllers
- Non-controllable rectifiers for AC/DC converter





(@ $T_C$ = 25℃ unless otherwise specified)

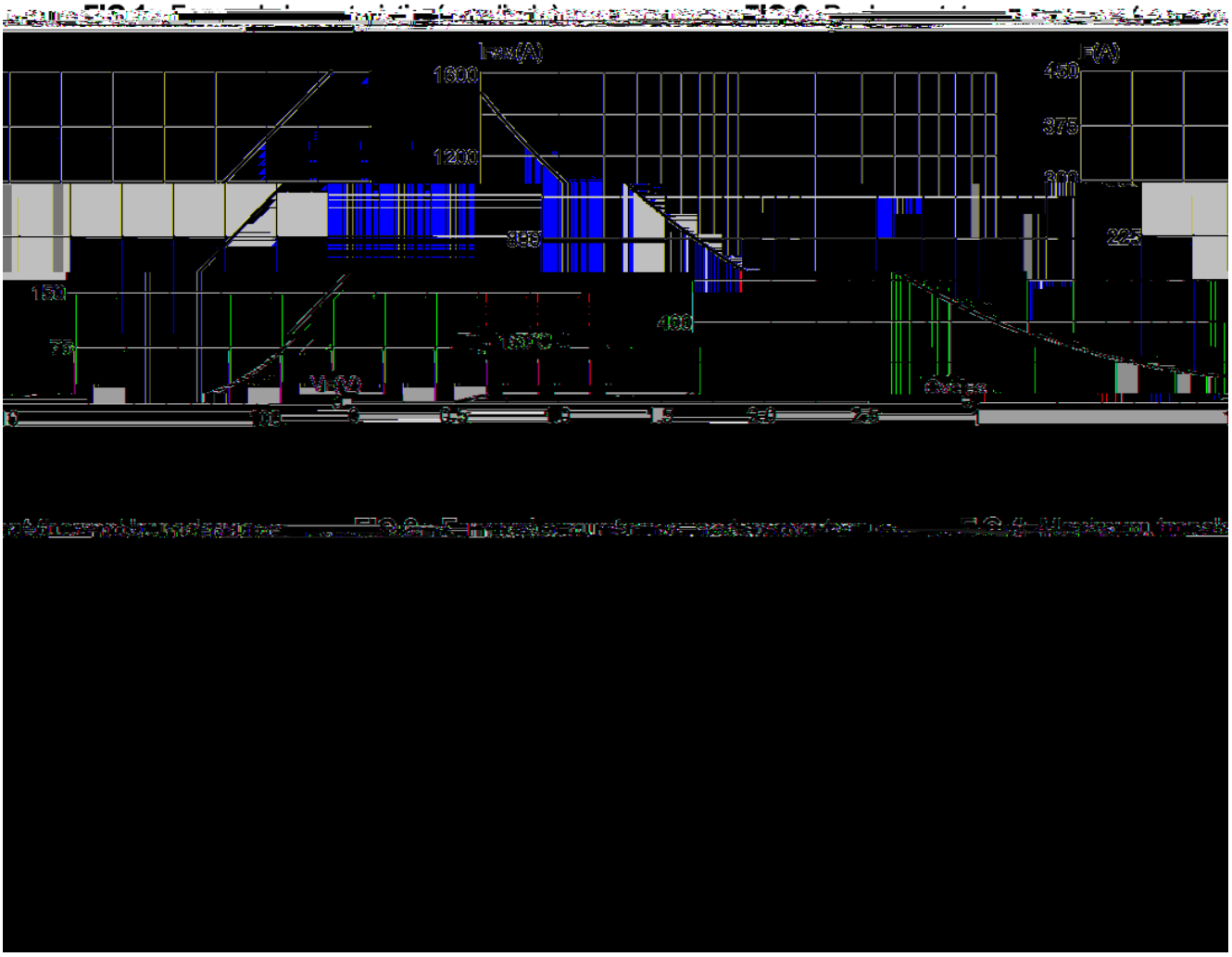
| | | | | |
|---|---|---|---|---|
| Repetitive peak reverse voltage | | $V_{RRM}$ | 1600 | V |
| Non-repetitive peak reverse voltage | | $V_{RSM}$ | 1700 | V |
| Output current | $T_C$ = 100 | $I_D$ | 150 | A |
| Forward surge current | 1/2 cycle, Sine wave, 50Hz $T_{vj}$ = 25 | $I_{FSM}$ | 1500 | A |
| $I^2t$ value for fusing | | $I^2t$ | 11250 | $A^2s$ |
| RMS isolation voltage | A.C 50Hz(1s/1min) | $V_{ISO}$ | 3600/3000 | V |
| Junction temperature range | | $T_J$ | -40 ~ +150 | |
| Storage temperature range | | $T_{stg}$ | -40 ~ +125 | |

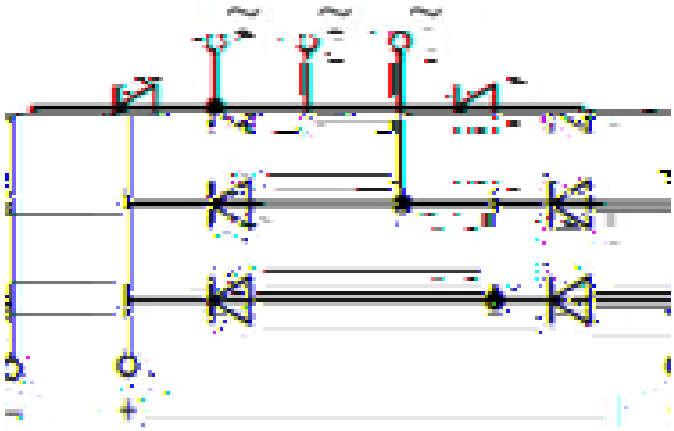

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(@ $T_C$ = 25℃ unless otherwise specified)

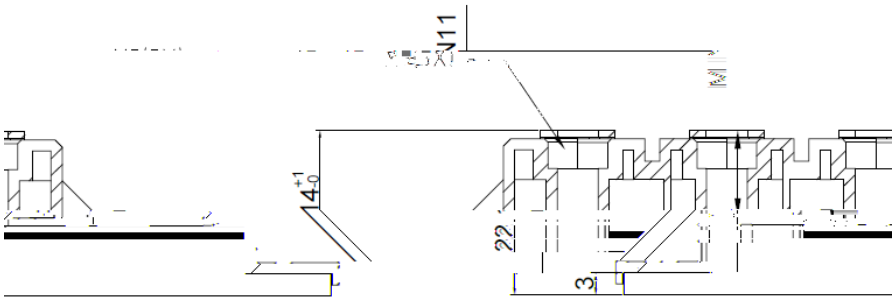
| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| Forward voltage | $I_F$ = 150A, Tvj = 25 | $V_F$ | | 1.25 | | V |
| Reverse leakage current | $V_R = V_{RRM}$, Tvj = 25 | $I_{RRM}$ | | | | |

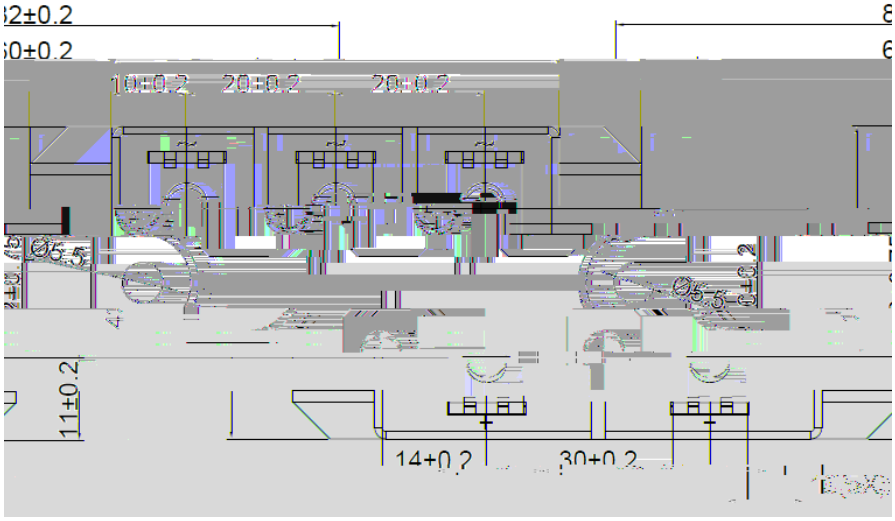

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Unit of measurement: mm


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