





|                                                                    |             |    |    |
|--------------------------------------------------------------------|-------------|----|----|
| Average gate power dissipation ( $T_j=150$ )                       | $P_{G(AV)}$ | 1  | W  |
| Peak gate power                                                    | $P_{GM}$    | 22 | W  |
| Peak pulse voltage<br>( $T_j=25$ ; non-repetitive,off-state;FIG.7) | $V_{pp}$    | 1  | kV |

( $T_j=25$

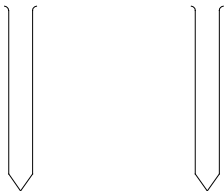
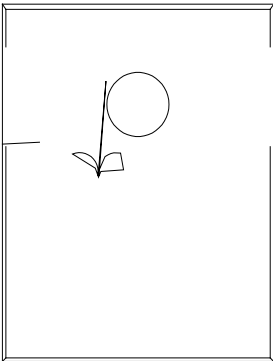
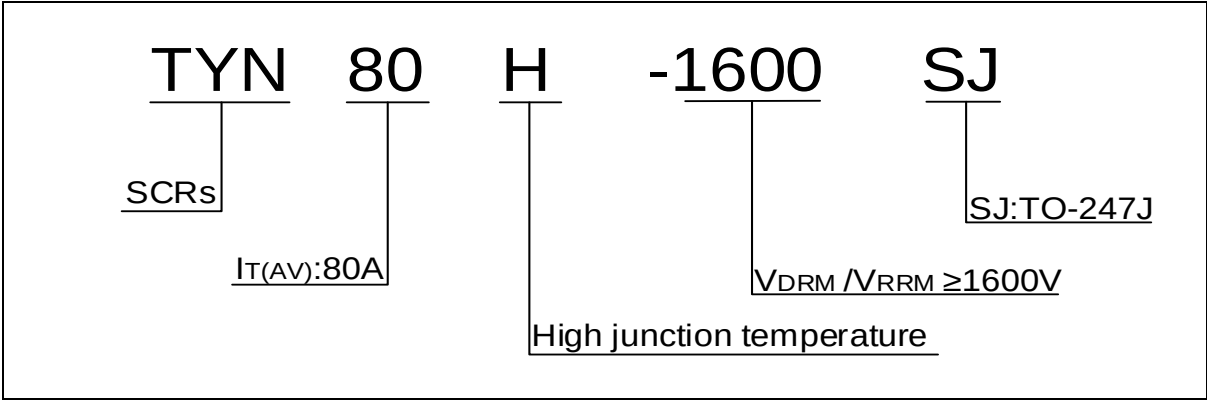
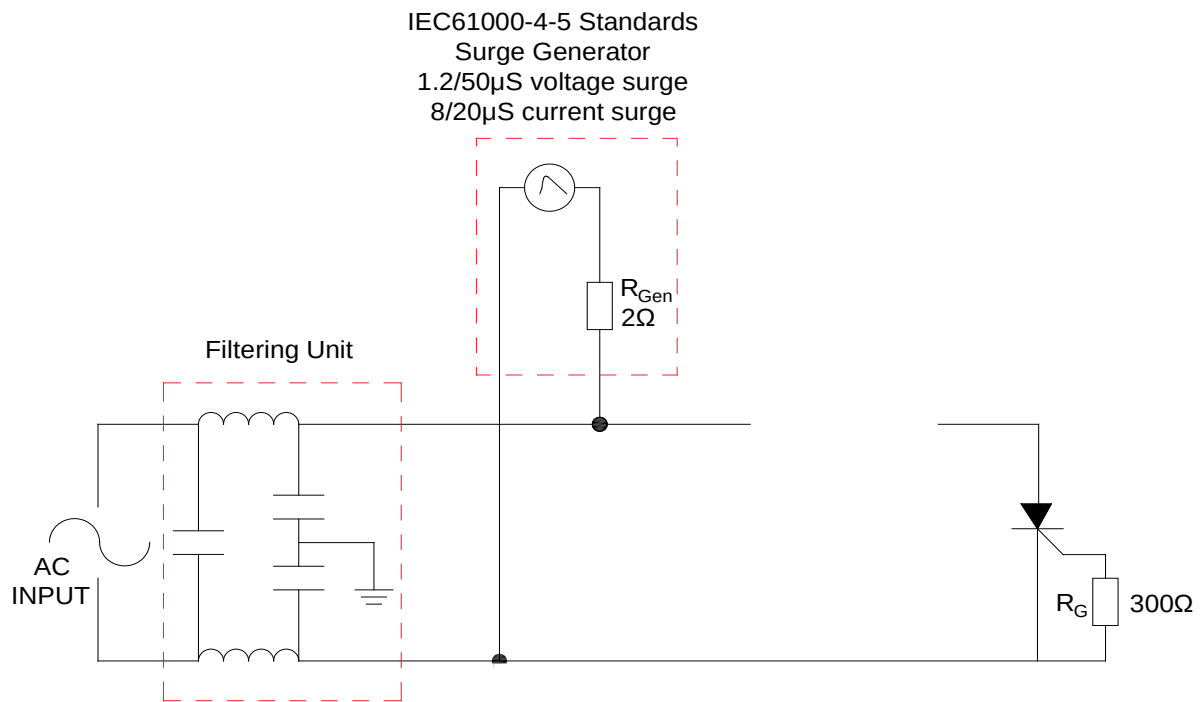


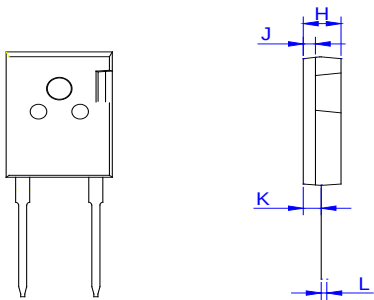


FIG.7 Test circuit for inductive and resistive loads to IEC-61000-4-5 standards.





| Order code | Voltage<br>$V_{\text{DRM}}/V_{\text{RRM}}$ (V) | IGT(mA) |  |
|------------|------------------------------------------------|---------|--|
|------------|------------------------------------------------|---------|--|



| Ref. | Dimensions  |      |       |        |       |       |
|------|-------------|------|-------|--------|-------|-------|
|      | Millimeters |      |       | Inches |       |       |
|      | Min.        | Typ. | Max.  | Min.   | Typ.  | Max.  |
| A    | 15.50       |      | 16.10 | 0.610  |       | 0.634 |
|      |             |      |       |        |       |       |
| B1   | 3.10        |      | 3.50  | 0.122  |       | 0.138 |
| C    | 19.70       |      | 20.30 | 0.776  |       | 0.799 |
|      |             |      |       |        |       |       |
|      |             |      |       |        |       |       |
| D    | 2.90        |      | 3.30  | 0.114  |       | 0.130 |
| E    | 1.90        |      | 2.30  | 0.075  |       | 0.091 |
| F    | 1.00        |      | 1.40  | 0.039  |       | 0.055 |
| G    |             | 5.44 |       |        | 0.214 |       |
| H    | 4.80        |      | 5.20  | 0.189  |       | 0.205 |
| J    | 1.90        |      | 2.10  | 0.075  |       | 0.083 |
| K    | 2.20        |      | 2.50  | 0.087  |       | 0.098 |
| L    | 0.41        |      | 0.79  | 0.016  |       | 0.031 |

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