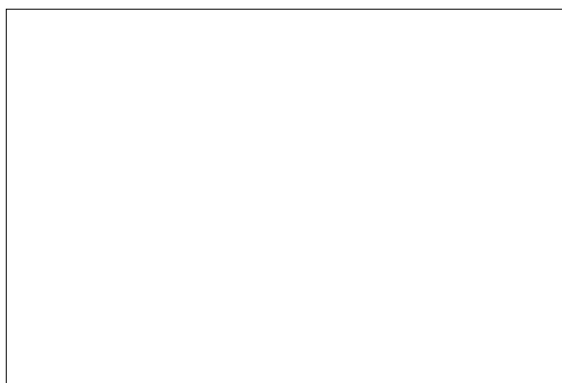
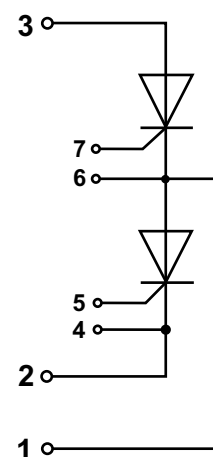
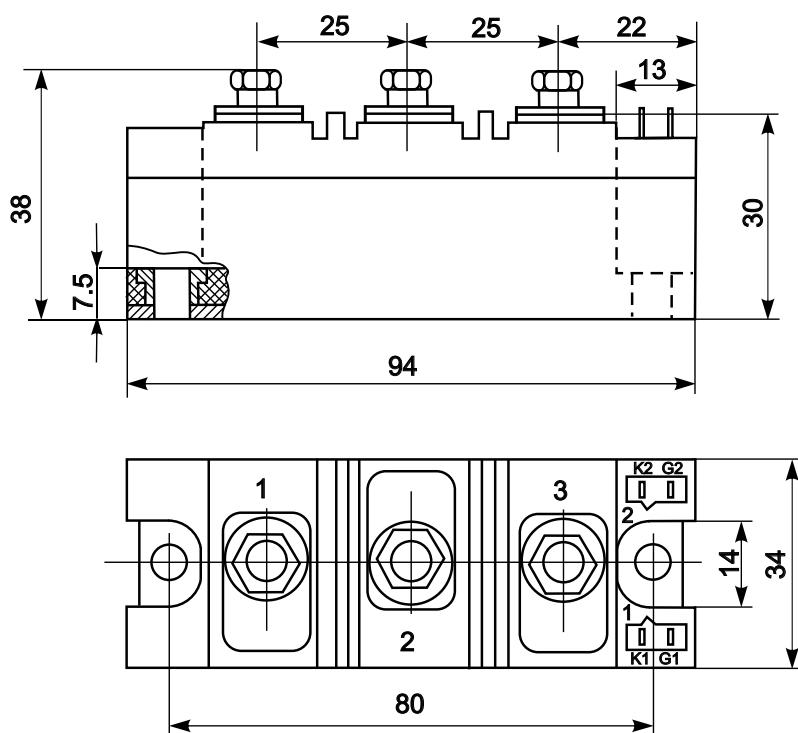


## Thyristor-Thyristor Module



| Type         | $V_{RSM}$ | $V_{RRM}$ ,<br>$V_{DRM}$ |
|--------------|-----------|--------------------------|
| SMTT-130H-08 | 1000      | 800                      |
| SMTT-130H-12 | 1400      | 1200                     |
| SMTT-130H-14 | 1600      | 1400                     |
| SMTT-130H-16 | 1800      | 1600                     |
| SMTT-130H-18 | 2000      | 1800                     |
| SMTT-130H-20 | 2200      | 2000                     |
| SMTT-130H-22 | 2400      | 2200                     |
| SMTT-130H-24 | 2600      | 2400                     |

| Type      | $I_{TAVM}$ | $I_{TRMS}$ | $T_c$ | $I_{TSM}$ | $(di/dt)_{cr}$ | $(dv/dt)_{cr}$ | $V_{TM}$ | $I_{TM}$ | $V_{TO}$ | $r_T$ | $t_q$ | $V_{GT}$ | $I_{GT}$ | $T_{VJM}$ | $V_{isol}$ | $R_{thJC}$ |
|-----------|------------|------------|-------|-----------|----------------|----------------|----------|----------|----------|-------|-------|----------|----------|-----------|------------|------------|
|           | A          | A          | °C    | kA        | A/μs           | V/μs           | V        | A        | V        | mΩ    | μs    | V        | mA       | °C        | V          | K/W        |
| SMTT-130H | 130        | 290        | 85    | 3.8       | 100            | 500            | 1.96     | 410      | 0.8      | 1.6   | 150   | 2.5      | 100      | 125       | 2500       | 0.2        |



### Features:

- Industrial standard package
- Heat transfer through aluminium nitride ceramic isolated metal baseplate
- Precise internal pressure contacts for high reliability
- 2500V RMS isolation voltage

### Typical Applications:

- DC motor control
- AC motor soft starter
- Temperature control (e.g. for ovens, chemical processes)
- Lighting control