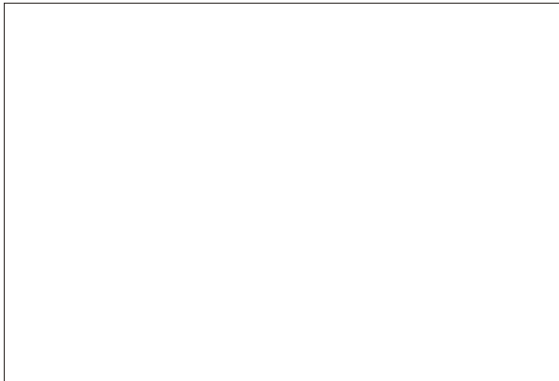
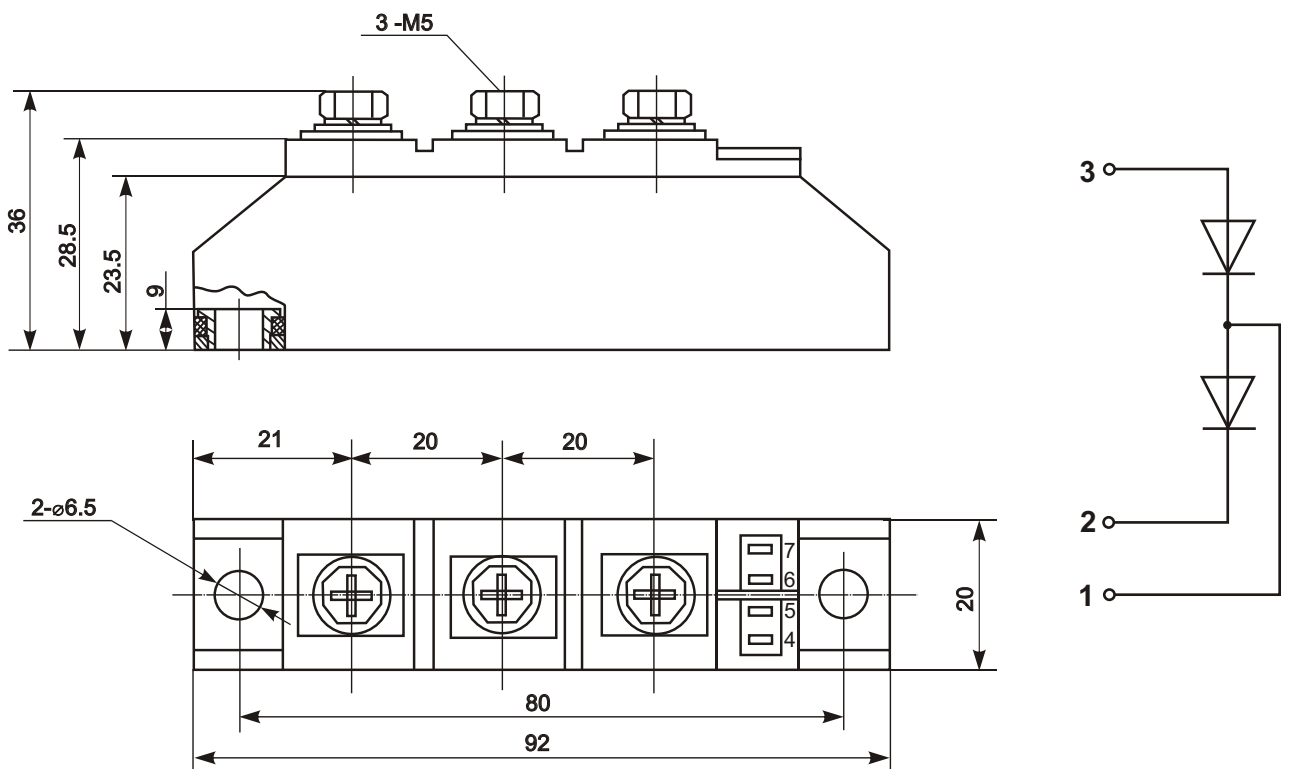


## Diode-Diode Module



| Type       | $V_{RSM}$ | $V_{RRM}$ |
|------------|-----------|-----------|
| SMDD-90-08 | 900       | 800       |
| SMDD-90-12 | 1300      | 1200      |
| SMDD-90-14 | 1500      | 1400      |
| SMDD-90-16 | 1700      | 1600      |
| SMDD-90-18 | 1900      | 1800      |

| Type    | $I_{FAVM}$ | $I_{FRMS}$ | $T_C$       | $I_{FSM}$ | $i^2t$  | $V_{TM}$ | $I_{FM}$ | $V_{FO}$ | $r_F$     | $T_{VJM}$   | $V_{isol}$ | $R_{thJC}$ |
|---------|------------|------------|-------------|-----------|---------|----------|----------|----------|-----------|-------------|------------|------------|
|         | A          | A          | $^{\circ}C$ | KA        | $KA^2s$ | V        | A        | V        | $m\Omega$ | $^{\circ}C$ | V          | K/W        |
| SMDD-90 | 90         | 200        | 100         | 1.8       | 11.8    | 1.74     | 270      | 0.8      | 2.8       | 150         | 2500       | 0.45       |



### 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 power supply for instrument and equipment
- Power converters
- Electronic welders
- Lighting control