

High Frequency Thyristors



Technical Parameter:

| Type | V_{DRM}/V_{RRM} | $I_{T(AV)}$ | $I_{T(f)}$ | T_q | I_{TSM} | dv/dt | di/dt | I_{DRM}/I_{RRM} | I_{GT} | V_{GT} | I_H | V_{TM}/I_{TM} | V_{TO} | r_T | R_{th} | Mounting Force | Options |
|--------|-------------------|-------------|------------|-------|-----------|---------|---------|-------------------|----------|----------|--------|-----------------|----------|-------|----------|----------------|---------|
| | | 55°C | | 100°C | 10ms | | | | 25°C | | | 115°C | | | | | |
| | V | A | A/KHz | us | KA | V/us | A/us | mA | mA | V | mA | V/A | V | mΩ | °C/W | KN | Fig |
| Z30KAC | 800-1100 | 200 | 200/10 | 8-10 | 2.4 | 200 | 200 | 30 | 30-200 | 0.8-2.5 | 20-250 | 3.2/600 | 1.45 | 1.12 | 0.055 | 5.3-10 | 2 |
| Z30KAD | 1200-1400 | 200 | 200/6 | 10-14 | 2.4 | 200 | 200 | 30 | 30-200 | 0.8-2.5 | 20-250 | 3.2/600 | 1.67 | 1.32 | 0.055 | 5.3-10 | |
| Z38KAB | 600-1000 | 600 | 500/10 | 6-8 | 3.6 | 200 | 200 | 40 | 30-250 | 0.8-3.0 | 20-400 | 3.2/1200 | 1.50 | 0.88 | 0.035 | 10-20 | 3 |
| Z38KAC | 800-1100 | 600 | 400/10 | 8-10 | 4.8 | 200 | 200 | 40 | 30-250 | 0.8-3.0 | 20-400 | 3.2/1200 | 1.48 | 0.67 | 0.035 | 10-20 | |
| Z38KAD | 1200-1400 | 500 | 500/6 | 10-14 | 6.0 | 200 | 200 | 40 | 30-250 | 0.8-3.0 | 20-400 | 3.2/900 | 1.70 | 0.48 | 0.032 | 15-20 | |
| Z45KAD | 1200-400 | 600 | 600/6 | 12-16 | 9.6 | 200 | 250 | 60 | 30-250 | 0.8-3.0 | 20-400 | 3.2/1800 | 1.41 | 0.45 | 0.030 | 18-25 | 5 |
| Z45KAC | 800-1100 | 800 | 500/10 | 8-15 | 9.6 | 200 | 250 | 60 | 30-250 | 0.8-3.0 | 20-400 | 3.2/2400 | 1.41 | 0.45 | 0.030 | 18-25 | |
| Z50KAD | 1200-1400 | 800 | 800/8 | 12-16 | 9.6 | 200 | 250 | 80 | 30-250 | 0.8-3.0 | 20-400 | 3.2/2400 | 1.65 | 0.36 | 0.024 | 19-26 | 6 |
| Z50KAC | 800-1100 | 1000 | 600/8 | 8-15 | 12 | 200 | 250 | 80 | 30-300 | 0.8-3.0 | 20-400 | 3.2/3000 | 1.32 | 0.32 | 0.024 | 19-26 | |