

High Power Diodes Hockey Puk Version R4000 G/ R6000 G...C Series

FEATURES

- Wide current range
- Low voltage, high current rectifier diode with thin & slim package.
- High surge current capabilities
- Low power dissipation
- Case style G

Typical application

- Electro plating
- Welding



MAJOR RATINGS & CHARACTERISTICS

| Parameters | R4000G | R6000G | Units |
|---|------------|--------|-------------------|
| $I_{F(AV)}$ double side cooled, sin 180 | 3200 | 6000 | A |
| @ T_{hs} | 85 | | °C |
| I_{FSM} $T_c = 25$ deg. C, 50Hz | 60 | | KA |
| I^2t $T_c = 25$ deg. C | 18000 | | KA ² s |
| V_{RRM} range | 200 to 600 | | V |
| T_j | -40 to 180 | | °C |
| T_{stg} | -40 to 180 | | °C |
| V_{FM} @ $I_{FM} = 4000A$ $T_c = 25$ deg. C | 0.95 | | V |
| V_o $T_j = T_j$ max, | 0.70 | | V |
| r_o $T_j = T_j$ max, | 0.04 | | m ohm |
| I_{rrm} | 100 | | mA |
| $R_{th(j-hs)}$ double side cooled | 0.03 | | K/W |
| F- MOUNTING FORCE $\pm 10\%$ | 27 | | KN |
| Wt. | 130 | | g |

