

SERIES BR5000

Silicon Bridge Rectifiers 50 Amps

The plastic material carries U/L recognition 94 V-O

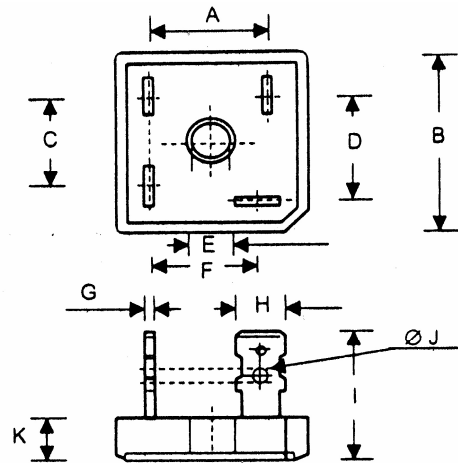
| TYPE | MAXIMUM AVERAGE RECT. CURRENT If (AV) @ T _A R | | INPUT VOLTAGE RECOMD. V _{rms} | PEAK INVERSE VOLTAGE V _{rrm} | MAXIMUM FWD PEAK SURGE CURRENT I _{fsm} | MAXIMUM FWD VOLTAGE @ T _A = 25° C V _f @ I _f (AV) | | MAXIMUM REVERSE CURRENT @ T _A = 25° C I _r |
|------|---|-----|---|--|--|---|-----|--|
| | (A) | (C) | (V) | (V) | (A) | (V) | (A) | (uA) |

BR5000 SERIES 50 Amps Figure 1

| | | | | | | | | |
|--------|----|----|-----|------|-----|-----|----|----|
| BR5000 | 50 | 55 | 20 | 50 | 400 | 1.1 | 25 | 10 |
| BR5001 | 50 | 55 | 40 | 100 | 400 | 1.1 | 25 | 10 |
| BR5002 | 50 | 55 | 80 | 200 | 400 | 1.1 | 25 | 10 |
| BR5004 | 50 | 55 | 125 | 400 | 400 | 1.1 | 25 | 10 |
| BR5006 | 50 | 55 | 250 | 600 | 400 | 1.1 | 25 | 10 |
| BR5008 | 50 | 55 | 380 | 800 | 400 | 1.1 | 25 | 10 |
| BR5010 | 50 | 55 | 440 | 1000 | 400 | 1.1 | 25 | 10 |

(PLASTIC CASE WITH METAL HEAK SINK)

| DIM | INCHES | | MILLIMETERS | |
|-----|--------|-------|-------------|------|
| | MIN. | MAX. | MIN. | MAX. |
| A | 0.688 | 0.728 | 17.5 | 18.5 |
| B | 1.12 | 1.13 | 28.4 | 28.7 |
| C | 0.53 | 0.57 | 13.5 | 14.5 |
| D | 0.618 | 0.658 | 15.7 | 16.7 |
| E | 0.20 | 0.21 | 5.1 | 5.3 |
| F | 0.618 | 0.658 | 15.7 | 16.7 |
| G | 0.028 | 0.032 | 0.71 | 0.84 |
| H | 0.248 | 0.252 | 6.3 | 6.40 |
| I | 0.826 | 0.905 | 21.0 | 23.0 |
| J | 0.09 | 0.10 | 2.4 | 2.6 |
| K | 0.28 | 0.31 | 7.30 | 7.90 |
| L | 0.28 | 0.31 | 7.30 | 7.90 |
| M | 0.004 | 0.008 | 0.1 | 0.2 |



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