



# M T B F (E I A J R C R - 9 1 0 2)

|       |        |
|-------|--------|
| Model | R50A-5 |
|-------|--------|

| No.                                      | P a r t s              |            | Q' ty of Device | Failure rate [10 <sup>-6</sup> /H] | Re f e r e n c e |
|--|------------------------|------------|-----------------|------------------------------------|------------------|
| 1  | I C                    | Monolithic | 2               | 0.0650                             |                  |
| 2  |                        | Hybrid     | 0               | 0.0000                             |                  |
| 3  | Transistors            |            | 1               | 0.0990                             |                  |
| 4  | Diodes                 |            | 6               | 0.2020                             |                  |
| 5  | LED·Optocouplers       |            | 3               | 0.1412                             |                  |
| 6  | Resistors              |            | 25              | 0.8032                             |                  |
| 7  | Capacitors             |            | 16              | 0.2386                             |                  |
| 8  | Transformer·Choke Coil |            | 6               | 0.0759                             |                  |
| 9  | Connectors             |            | 150             | 0.0775                             |                  |
| 10                                       | Others                 |            | 2               | 0.0230                             |                  |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                 | 1.7254                             |                  |

|                     |      |         |
|---------------------|------|---------|
| M T B F             | [H]  | 580,000 |
| Ambient Temperature | [°C] | —       |
| Load Factor         | [%]  | —       |