



# M T B F

(EIAJ RCR-9102)

|       |         |
|-------|---------|
| Model | R50A-24 |
|-------|---------|

| No.                                | P a r t s              |            | Q'ty of Device | Failure rate [ $10^{-6}/H$ ] | Reference |
|------------------------------------|------------------------|------------|----------------|------------------------------|-----------|
| 1                                  | I C                    | Monolithic | 2              | 0.0650                       |           |
| 2                                  |                        | Hybrid     | 0              | 0.0000                       |           |
| 3                                  | T r a n s i s t o r s  |            | 1              | 0.0990                       |           |
| 4                                  | D i o d e s            |            | 6              | 0.2020                       |           |
| 5                                  | LED·Optocouplers       |            | 3              | 0.1412                       |           |
| 6                                  | R e s i s t o r s      |            | 25             | 0.8251                       |           |
| 7                                  | C a p a c i t o r s    |            | 16             | 0.2151                       |           |
| 8                                  | Transformer·Choke Coil |            | 6              | 0.0759                       |           |
| 9                                  | C o n n e c t o r s    |            | 150            | 0.0775                       |           |
| 10                                 | O t h e r s            |            | 2              | 0.0230                       |           |
| Total Failure Rate [ $10^{-6}/H$ ] |                        |            |                | 1.7238                       |           |

|                     |      |         |
|---------------------|------|---------|
| M T B F             | [H]  | 581,000 |
| Ambient Temperature | [°C] | —       |
| Load Factor         | [%]  | —       |