



# M T B F

(E I A J R C R - 9 1 0 2)

|       |          |
|-------|----------|
| Model | PJA30F-5 |
|-------|----------|

| No.                                      | P a r t s              |                     | Q' ty of Device | Failure rate [10 <sup>-6</sup> /H] | Reference |
|------------------------------------------|------------------------|---------------------|-----------------|------------------------------------|-----------|
| 1                                        | I C                    | M o n o l i t h i c | 2               | 0.0980                             |           |
| 2                                        |                        | H y b r i d         | 0               | 0.0000                             |           |
| 3                                        | T r a n s i s t o r s  |                     | 2               | 0.1001                             |           |
| 4                                        | D i o d e s            |                     | 8               | 0.1867                             |           |
| 5                                        | LED•Optocouplers       |                     | 3               | 0.1412                             |           |
| 6                                        | R e s i s t o r s      |                     | 43              | 0.4282                             |           |
| 7                                        | C a p a c i t o r s    |                     | 22              | 0.2324                             |           |
| 8                                        | Transformer•Choke Coil |                     | 4               | 0.0920                             |           |
| 9                                        | C o n n e c t o r s    |                     | 199             | 0.0583                             |           |
| 1 0                                      | O t h e r s            |                     | 2               | 0.0230                             |           |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |                     |                 | 1.3599                             |           |

|                     |      |         |
|---------------------|------|---------|
| M T B F             | [H]  | 735,000 |
| Ambient Temperature | [°C] | —       |
| Load Factor         | [%]  | —       |