



# M T B F

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

|       |          |
|-------|----------|
| Model | PJA15F-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              | 0.1792                             |           |
| 5                                        | LED•Optocouplers       |                     | 3              | 0.1412                             |           |
| 6                                        | R e s i s t o r s      |                     | 37             | 0.4270                             |           |
| 7                                        | C a p a c i t o r s    |                     | 26             | 0.2394                             |           |
| 8                                        | Transformer•Choke Coil |                     | 5              | 0.0943                             |           |
| 9                                        | C o n n e c t o r s    |                     | 161            | 0.0498                             |           |
| 10                                       | O t h e r s            |                     | 2              | 0.0230                             |           |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |                     |                | 1.3520                             |           |

|                     |      |         |
|---------------------|------|---------|
| M T B F             | [H]  | 740,000 |
| Ambient Temperature | [°C] | —       |
| Load Factor         | [%]  | —       |