

COSEL

## M T B F

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

|       |         |
|-------|---------|
| Model | PMC30-1 |
|-------|---------|

| No.                                      | P a r t s              |            | Q' ty of Device | Failure rate [10 <sup>-6</sup> /H] | Reference |
|--|------------------------|------------|-----------------|------------------------------------|-----------|
| 1  | I C                    | Monolithic | 2               | 0.0480                             |           |
| 2  |                        | Hybrid     | 1               | 0.0000                             |           |
| 3  | Transistors            |            | 1               | 0.0990                             |           |
| 4  | Diodes                 |            | 9               | 0.2735                             |           |
| 5  | LED·Optocouplers       |            | 1               | 0.0012                             |           |
| 6  | Resistors              |            | 13              | 0.5620                             |           |
| 7  | Capacitors             |            | 18              | 0.3836                             |           |
| 8  | Transformer·Choke Coil |            | 5               | 0.0736                             |           |
| 9  | Connectors             |            | 147             | 0.0759                             |           |
| 10                                       | Others                 |            | 4               | 0.0650                             |           |
| Total Failure Rate [10 <sup>-6</sup> /H] |                        |            |                 | 1.5818                             |           |

|                     |      |         |
|---------------------|------|---------|
| M T B F             | [H]  | 633,000 |
| Ambient Temperature | [°C] | —       |
| Load Factor         | [%]  | —       |