



M T B F

(MIL-HDBK217F NOTICE 2)

| | |
|-------|-------------|
| Model | UMPS60F05-E |
|-------|-------------|

| No. | P a r t s | | Q' ty of Device | Failure rate [10 ⁻⁶ /H] | Re f e r e n c e |
|--|------------------------|---------------------|-----------------|------------------------------------|------------------|
| 1 | I C | M o n o l i t h i c | 2 | 1. 0270 | |
| 2 | | H y b r i d | 0 | 0. 0000 | |
| 3 | T r a n s i s t o r s | | 3 | 1. 0730 | |
| 4 | D i o d e s | | 7 | 0. 1590 | |
| 5 | LED•Optocouplers | | 2 | 0. 4770 | |
| 6 | R e s i s t o r s | | 38 | 0. 1830 | |
| 7 | C a p a c i t o r s | | 24 | 1. 4590 | |
| 8 | Transformer•Choke Coil | | 6 | 0. 2880 | |
| 9 | C o n n e c t o r s | | 229 | 0. 0170 | |
| 1 0 | O t h e r s | | 3 | 0. 0230 | |
| Total Failure Rate [10 ⁻⁶ /H] | | | | 4. 7060 | |

| | | |
|---------------------|------|---------|
| M T B F | [H] | 212,500 |
| Ambient Temperature | [°C] | 30.0 |
| Load Factor | [%] | 100 |



M T B F

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

| | |
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| Model | UMPS60F05-E |
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| No. | P a r t s | | Q' ty of Device | Failure rate [10 ⁻⁶ /H] | Re f e r e n c e |
|--|------------------------|------------|-----------------|------------------------------------|------------------|
| 1 | I C | Monolithic | 2 | 0.0980 | |
| 2 | | Hybrid | 0 | 0.0000 | |
| 3 | Transistors | | 3 | 0.1012 | |
| 4 | Diodes | | 7 | 0.1792 | |
| 5 | LED•Optocouplers | | 2 | 0.1400 | |
| 6 | Resistors | | 38 | 0.3274 | |
| 7 | Capacitors | | 24 | 0.2698 | |
| 8 | Transformer•Choke Coil | | 6 | 0.1173 | |
| 9 | Connectors | | 229 | 0.0775 | |
| 10 | Others | | 3 | 0.1500 | |
| Total Failure Rate [10 ⁻⁶ /H] | | | | 1.4604 | |

| | | |
|---------------------|------|---------|
| M T B F | [H] | 685,000 |
| Ambient Temperature | [°C] | — |
| Load Factor | [%] | — |