



M T B F

(MIL-HDBK217F NOTICE 2)

| | |
|-------|-----------|
| Model | WDA30F-48 |
|-------|-----------|

| No. | P a r t s | | Q' ty of Device | Failure rate [10 ⁻⁶ /H] | R e f e r e n c e |
|--|------------------------|---------------------|-----------------|------------------------------------|-------------------|
| 1 | I C | M o n o l i t h i c | 2 | 4.1860 | |
| 2 | | H y b r i d | 0 | 0.0000 | |
| 3 | T r a n s i s t o r s | | 2 | 1.7950 | |
| 4 | D i o d e s | | 13 | 1.3840 | |
| 5 | LED•Optocouplers | | 2 | 0.5050 | |
| 6 | R e s i s t o r s | | 41 | 0.2360 | |
| 7 | C a p a c i t o r s | | 25 | 3.3350 | |
| 8 | Transformer•Choke Coil | | 3 | 0.4410 | |
| 9 | C o n n e c t o r s | | 224 | 0.4450 | |
| 1 0 | O t h e r s | | 4 | 0.0200 | |
| Total Failure Rate [10 ⁻⁶ /H] | | | | 12.3470 | |

| | | |
|---------------------|------|--------|
| M T B F | [H] | 81,000 |
| Ambient Temperature | [°C] | 50.0 |
| Load Factor | [%] | 100 |



M T B F

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

| | |
|-------|-----------|
| Model | WDA30F-48 |
|-------|-----------|

| No. | P a r t s | | Q' ty of Device | Failure rate [10 ⁻⁶ /H] | R e f e r e n c e |
|--|------------------------|---------------------|-----------------|------------------------------------|-------------------|
| 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 | 0.1980 | |
| 4 | D i o d e s | | 13 | 0.3140 | |
| 5 | LED•Optocouplers | | 2 | 0.0712 | |
| 6 | R e s i s t o r s | | 41 | 0.4278 | |
| 7 | C a p a c i t o r s | | 25 | 0.2555 | |
| 8 | Transformer•Choke Coil | | 3 | 0.0690 | |
| 9 | C o n n e c t o r s | | 224 | 0.0819 | |
| 1 0 | O t h e r s | | 4 | 0.1470 | |
| Total Failure Rate [10 ⁻⁶ /H] | | | | 1.6624 | |

| | | |
|---------------------|------|---------|
| M T B F | [H] | 602,000 |
| Ambient Temperature | [°C] | — |
| Load Factor | [%] | — |