



M T B F (E I A J R C R - 9 1 0 2 B)

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|-------|--------|
| Model | G1W-15 |
|-------|--------|

| No. | Parts | | Q'ty of Device | Failure rate [10 ⁻⁶ /H] | Reference |
|--|----------------------|-----------------------|----------------|------------------------------------|-----------|
| 1 | IC | Linear | 4 | 0.0960 | |
| 2 | Transistors | NPN/PNP | 0 | 0.0000 | |
| 3 | Transistors | Power NPN/PNP | 2 | 0.0840 | |
| 4 | FET | MOS FET | 2 | 0.1980 | |
| 5 | Diodes | FR | 4 | 0.0880 | |
| 6 | Diodes | Zener | 2 | 0.0480 | |
| 7 | Diodes | bridge | 4 | 0.2640 | |
| 8 | Resistors | Metal Film | 32 | 0.5120 | |
| 9 | Resistors | Power Film | 6 | 0.2460 | |
| 10 | Resistors | variable | 2 | 0.0320 | |
| 11 | Capacitors | Aluminum Electrolytic | 10 | 0.1900 | |
| 12 | Capacitors | Film | 6 | 0.0504 | |
| 13 | Transformer | Power | 1 | 0.3600 | |
| 14 | Fuses | | 3 | 0.0600 | |
| 15 | Connectors | Printed Crcuit Board | 8 | 0.4160 | |
| 16 | Connection | Hand Solder | 11 | 0.0286 | |
| 17 | Connection | Flow Solder | 286 | 0.1487 | |
| 18 | Connection | Crimp | 32 | 0.0198 | |
| 19 | Connection | Screw | 5 | 0.0050 | |
| 20 | Printed Crcuit Board | Through Hole | 2 | 0.0900 | |
| Total Failure Rate [10 ⁻⁶ /H] | | | | 2.9366 | |

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|---------------------|------|---------|
| M T B F | [H] | 340,000 |
| Ambient Temperature | [°C] | - |
| Load Factor | [%] | - |