



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WDA90F-48
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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	11.4920	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		4	1.9340	
4	D i o d e s		15	1.7030	
5	LED•Optocouplers		2	0.5750	
6	R e s i s t o r s		56	0.3730	
7	C a p a c i t o r s		28	5.5220	
8	Transformer•Choke Coil		10	0.7010	
9	C o n n e c t o r s		277	0.4470	
1 0	O t h e r s		3	0.0120	
Total Failure Rate [10 ⁻⁶ /H]				22.7590	

M T B F	[H]	43,900
Ambient Temperature	[°C]	50.0
Load Factor	[%]	100



M T B F

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

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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	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		4	0.2002	
4	D i o d e s		15	0.3455	
5	LED•Optocouplers		2	0.0712	
6	R e s i s t o r s		56	0.4308	
7	C a p a c i t o r s		28	0.3238	
8	Transformer•Choke Coil		10	0.1058	
9	C o n n e c t o r s		277	0.0959	
1 0	O t h e r s		3	0.1330	
Total Failure Rate [10 ⁻⁶ /H]				1.8042	

M T B F	[H]	554,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—