



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WDA90F-24
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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	1.9590	
4	D i o d e s		13	0.4500	
5	LED•Optocouplers		2	0.5750	
6	R e s i s t o r s		55	0.3480	
7	C a p a c i t o r s		30	5.7840	
8	Transformer•Choke Coil		10	0.7000	
9	C o n n e c t o r s		273	0.4470	
1 0	O t h e r s		3	0.0120	
Total Failure Rate [10 ⁻⁶ /H]				21.7670	

M T B F	[H]	45,900
Ambient Temperature	[°C]	50.0
Load Factor	[%]	100



M T B F

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

Model	WDA90F-24
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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	Monolithic	2	0.0980	
2		Hybrid	0	0.0000	
3	Transistors		4	0.2002	
4	Diodes		13	0.2975	
5	LED•Optocouplers		2	0.0712	
6	Resistors		55	0.4306	
7	Capacitors		30	0.3612	
8	Transformer•Choke Coil		10	0.1058	
9	Connectors		273	0.0961	
10	Others		3	0.1330	
Total Failure Rate [10 ⁻⁶ /H]				1.7936	

M T B F	[H]	558,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—