



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WDA120F-48
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No.	P a r t s		Q' ty of Device	Failure rate [10 ⁻⁶ /H]	Reference
1	I C	M o n o l i t h i c	2	4.4020	
2		H y b r i d	0	0.0000	
3	T r a n s i s t o r s		3	1.6990	
4	D i o d e s		15	1.3000	
5	LED•Optocouplers		2	0.4050	
6	R e s i s t o r s		55	0.4010	
7	C a p a c i t o r s		28	4.1530	
8	Transformer•Choke Coil		7	0.4580	
9	C o n n e c t o r s		271	0.4470	
1 0	O t h e r s		3	0.0120	
Total Failure Rate [10 ⁻⁶ /H]				13.2770	

M T B F	[H]	75,300
Ambient Temperature	[°C]	50.0
Load Factor	[%]	100



M T B F

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

Model	WDA120F-48
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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	0.1991	
4	Diodes		15	0.3655	
5	LED•Optocouplers		2	0.0712	
6	Resistors		55	0.4306	
7	Capacitors		28	0.3446	
8	Transformer•Choke Coil		7	0.0782	
9	Connectors		271	0.0951	
10	Others		3	0.1330	
Total Failure Rate [10 ⁻⁶ /H]				1.8153	

M T B F	[H]	551,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—