



M T B F

(MIL-HDBK217F NOTICE 2)

Model	WDA120F-24
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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	1.7520	
4	D i o d e s		13	0.5770	
5	LED•Optocouplers		2	0.4050	
6	R e s i s t o r s		56	0.3830	
7	C a p a c i t o r s		29	4.2760	
8	Transformer•Choke Coil		7	0.4920	
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]				12.7460	

M T B F	[H]	78,500
Ambient Temperature	[°C]	50.0
Load Factor	[%]	100



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

Model	WDA120F-24
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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		13	0.3175	
5	LED•Optocouplers		2	0.0712	
6	Resistors		56	0.4308	
7	Capacitors		29	0.3746	
8	Transformer•Choke Coil		7	0.0782	
9	Connectors		271	0.0959	
10	Others		3	0.1330	
Total Failure Rate [10 ⁻⁶ /H]				1.7983	

M T B F	[H]	556,000
Ambient Temperature	[°C]	—
Load Factor	[%]	—